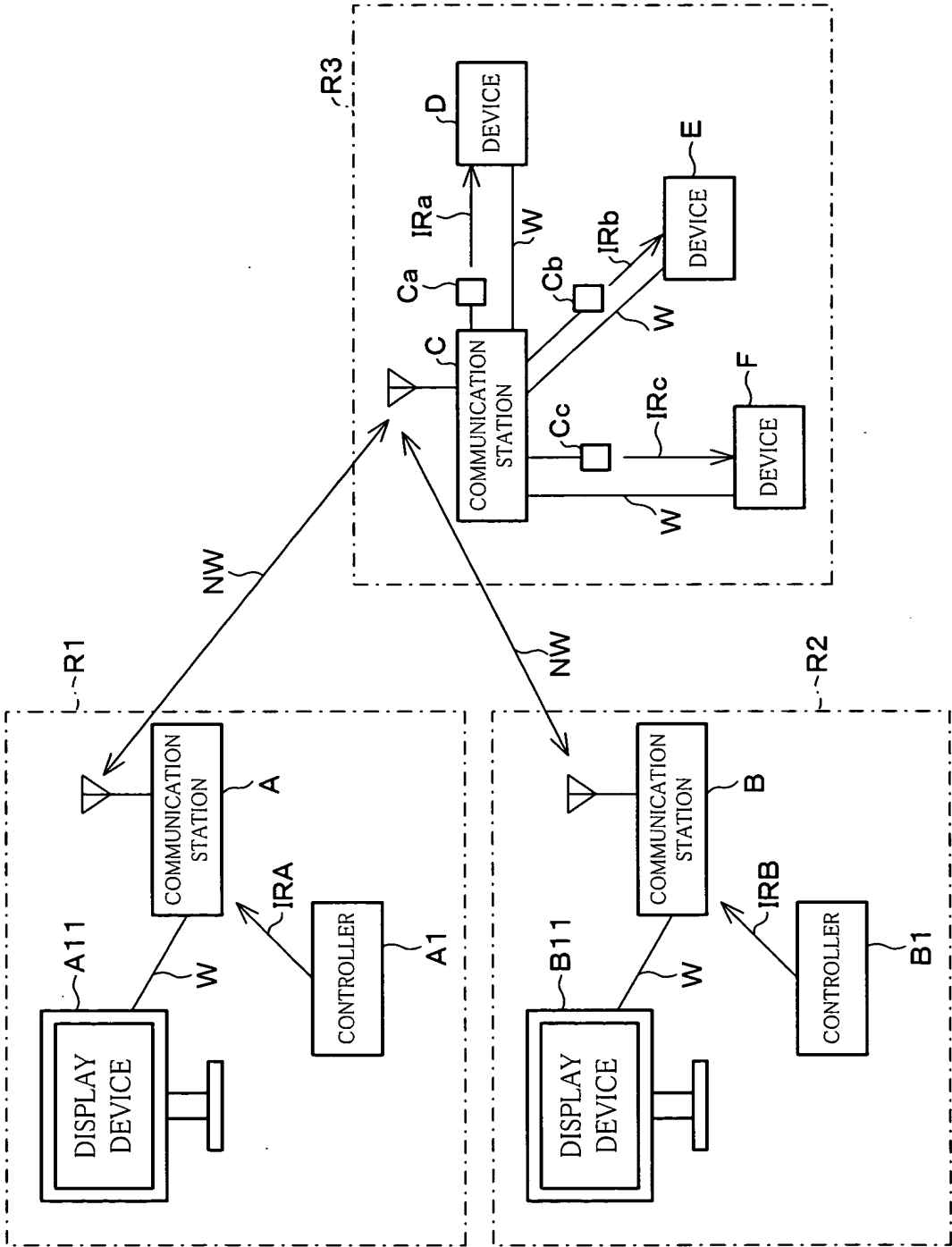


FIG. 1



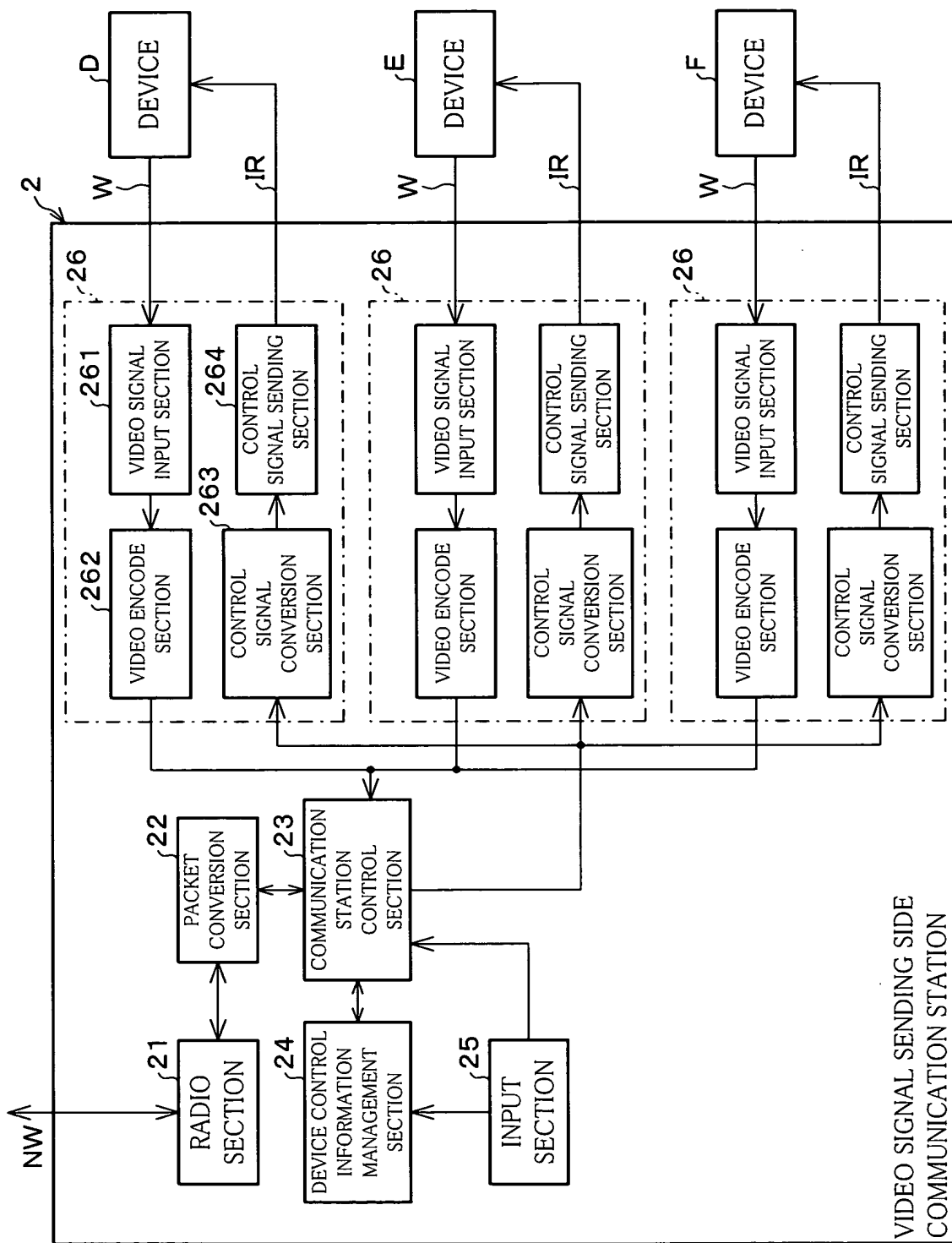


FIG. 2

FIG. 3

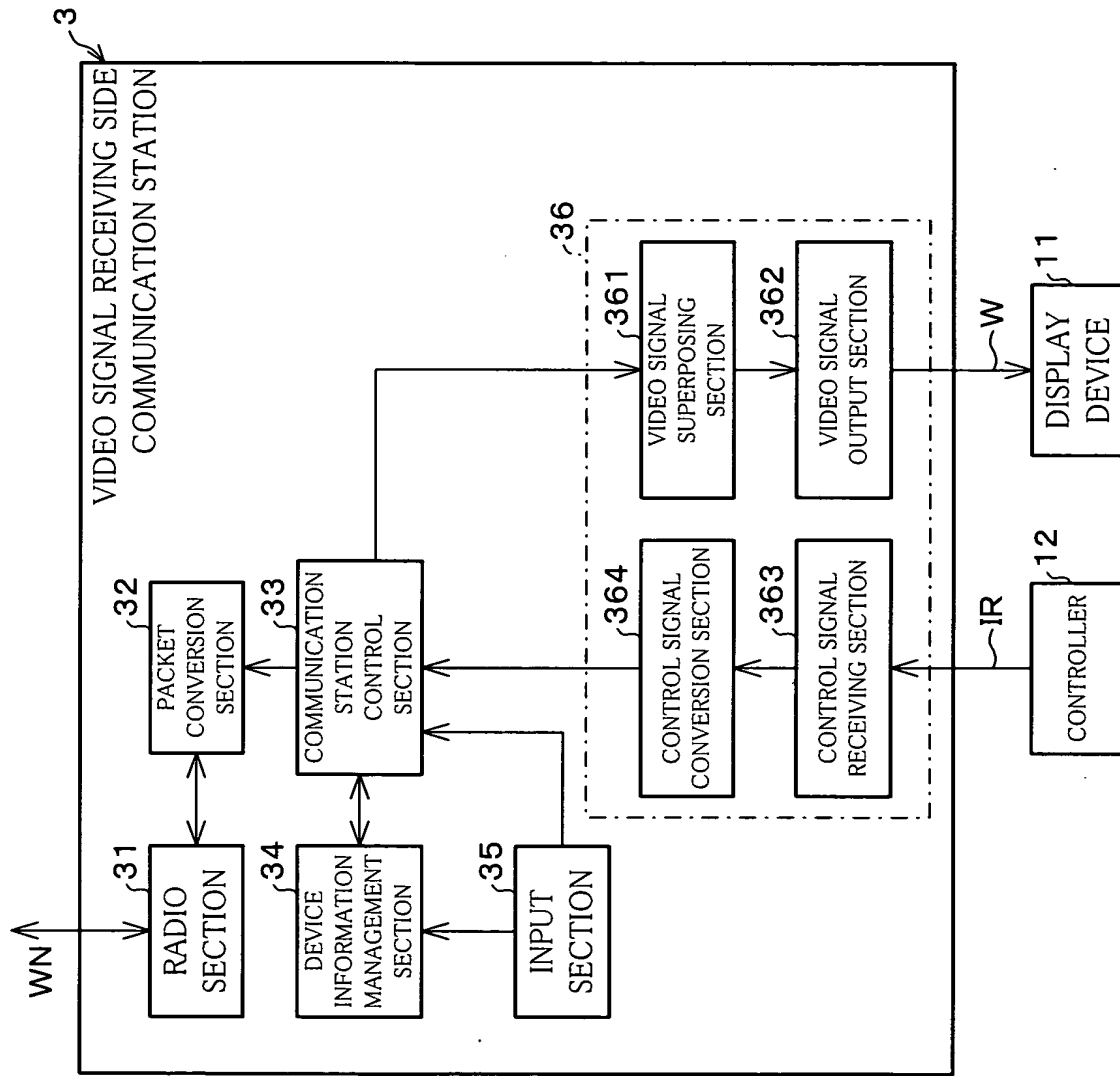


FIG. 4

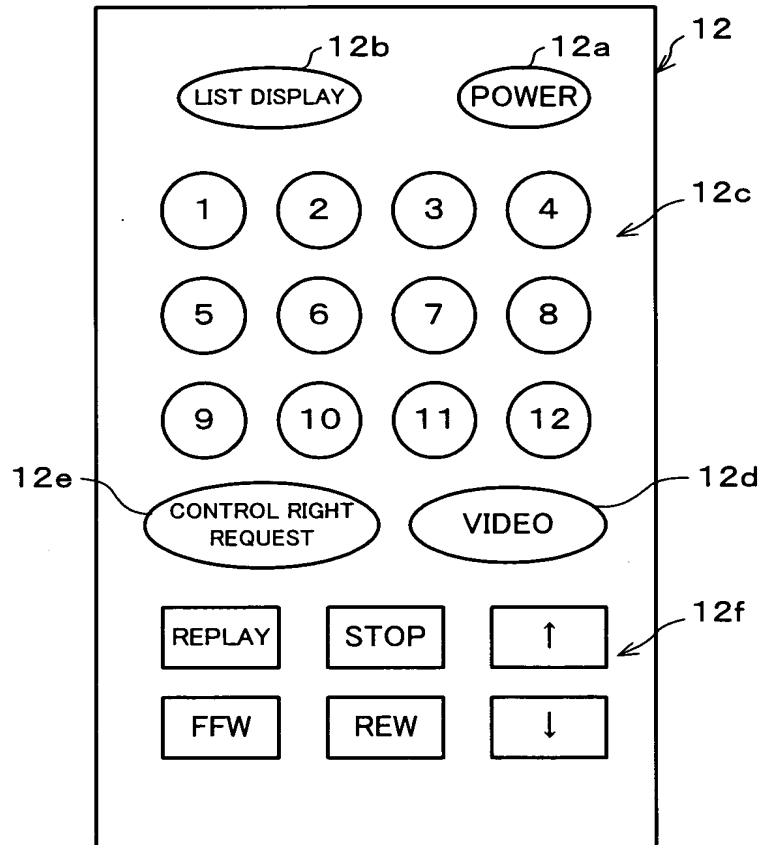


FIG. 5

DEVICE ID	DEVICE NAME	CONTROL INFORMATION
123	VTR1	
456	DVD	
789	VTR2	555
⋮	⋮	⋮

FIG. 6

SELECTION	DEVICE ID	DEVICE NAME	COMMUNICATION ADDRESS
	123	VTR1	33333
	456	DVD	33333
	789	VTR1	33333
	222	TV1	22222
	⋮	⋮	⋮

FIG. 7

RECEIVING END ADDRESS	33333	
SENDING END ADDRESS	11111	
INFORMATION SECTION	COMMAND	CONTROL RIGHT REQUEST
	TARGET DEVICE ID	123
	SENDING DEVICE ID	444
	⋮	⋮

FIG. 8

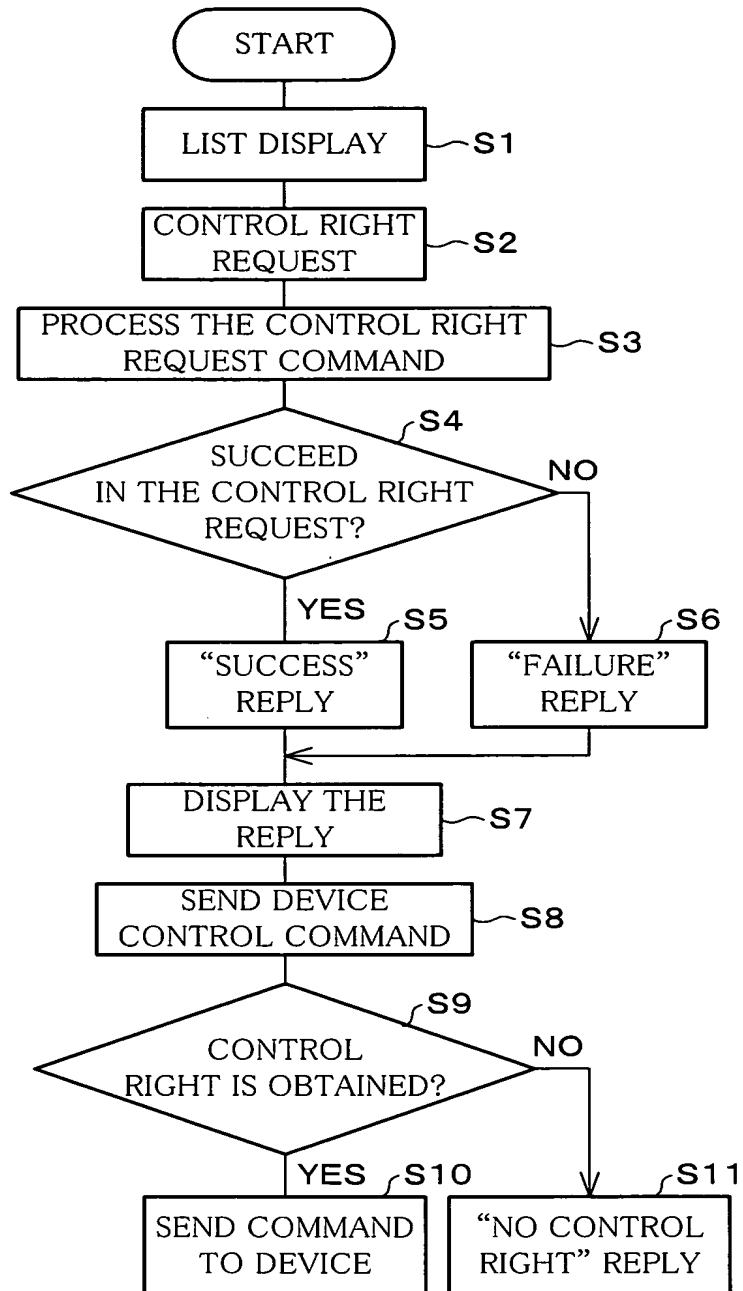
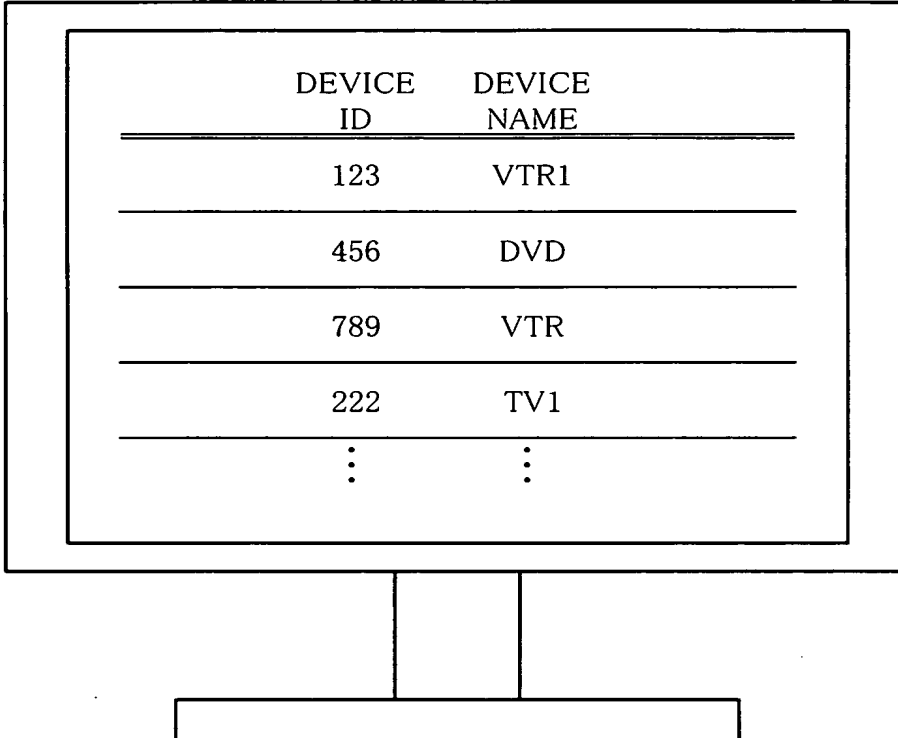


FIG. 9

17



DEVICE ID	DEVICE NAME
123	VTR1
456	DVD
789	VTR
222	TV1
⋮	⋮

FIG. 10

COMMAND	TARGET DEVICE ID	CONTROLLER ID
CONTROL RIGHT REQUEST	123	444

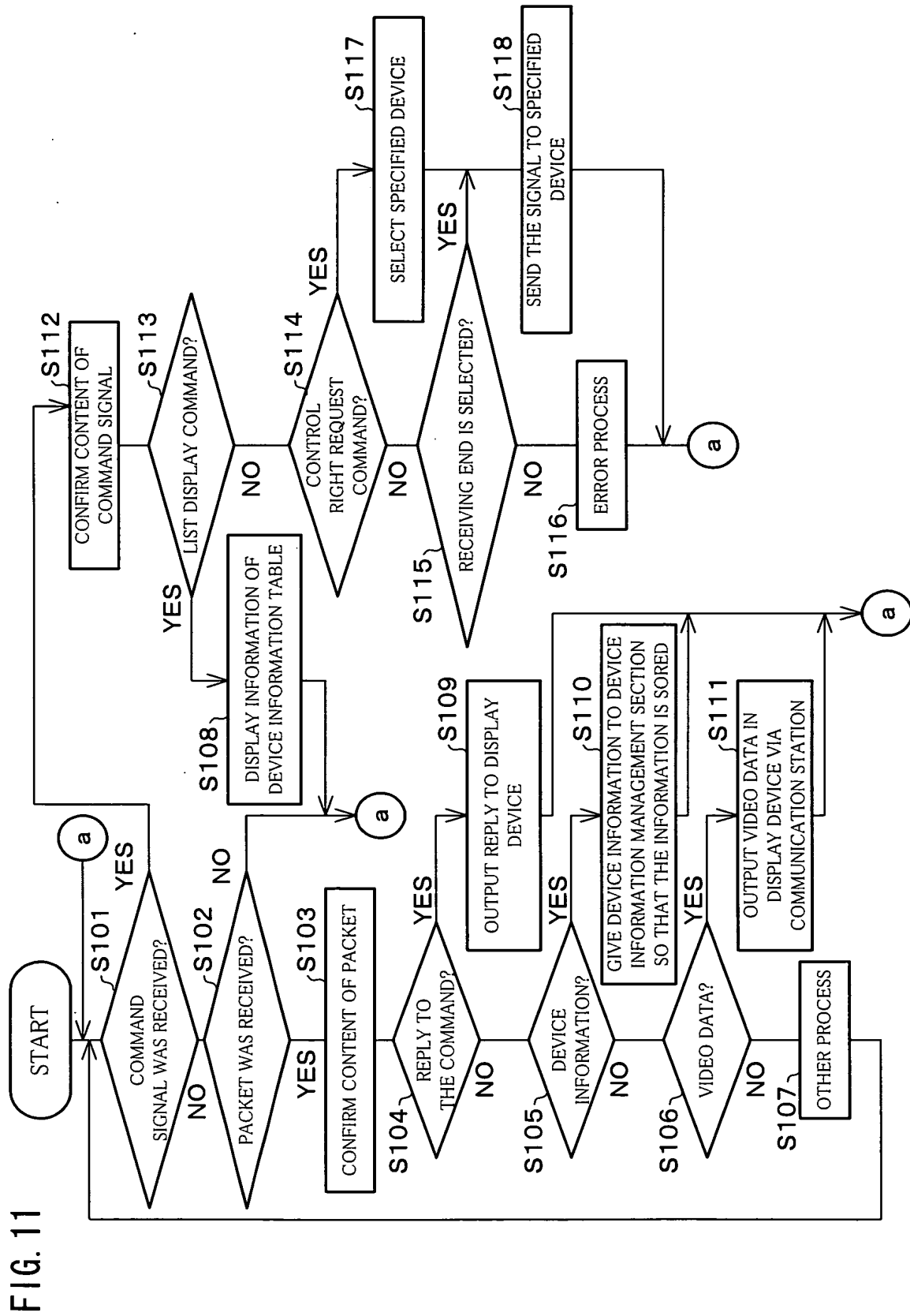


FIG. 12

SELECTION	DEVICE ID	DEVICE NAME	COMMUNICATION ADDRESS
○	123	VTR1	33333
	456	DVD	33333
	789	VTR2	33333
	222	TV1	22222
	⋮	⋮	⋮

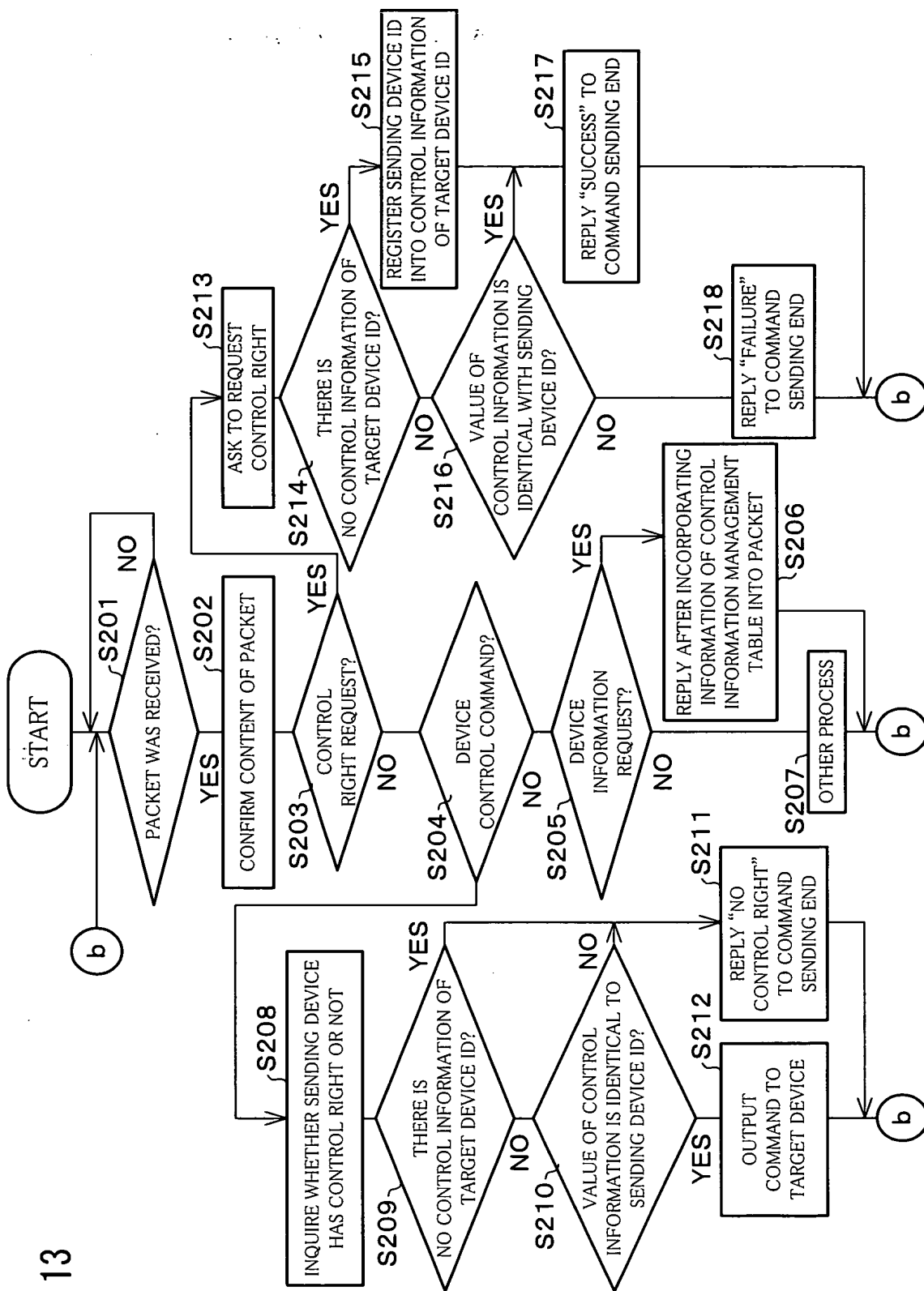


FIG. 14

DEVICE ID	DEVICE NAME	CONTROL INFORMATION
123	VTR1	444
456	DVD	
789	VTR2	555
⋮	⋮	⋮

FIG. 15

RECEIVING END ADDRESS	11111	
SENDING END ADDRESS	33333	
INFORMATION SECTION	COMMAND	CONTROL RIGHT REQUEST
	TARGET DEVICE ID	123
	SENDING DEVICE ID	444
	⋮	⋮

FIG. 16

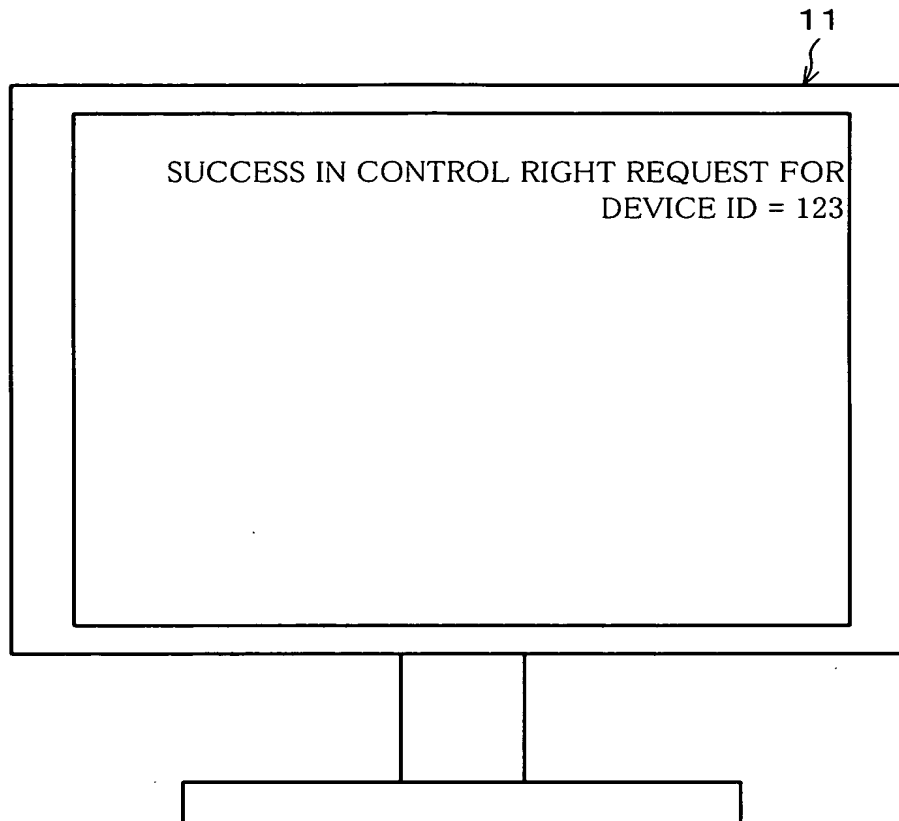


FIG. 17

COMMAND	CONTROLLER ID
REPRODUCTION	444

FIG. 18

RECEIVING END ADDRESS	33333	
SENDING END ADDRESS	11111	
INFORMATION SECTION	COMMAND	REPRODUCTION
	TARGET DEVICE ID	123
	SENDING DEVICE ID	444
	⋮	⋮

FIG. 19

RECEIVING END ADDRESS	11111	
SENDING END ADDRESS	33333	
INFORMATION SECTION	COMMAND	NO CONTROL RIGHT
	TARGET DEVICE ID	123
	SENDING DEVICE ID	444
	⋮	⋮

FIG. 20

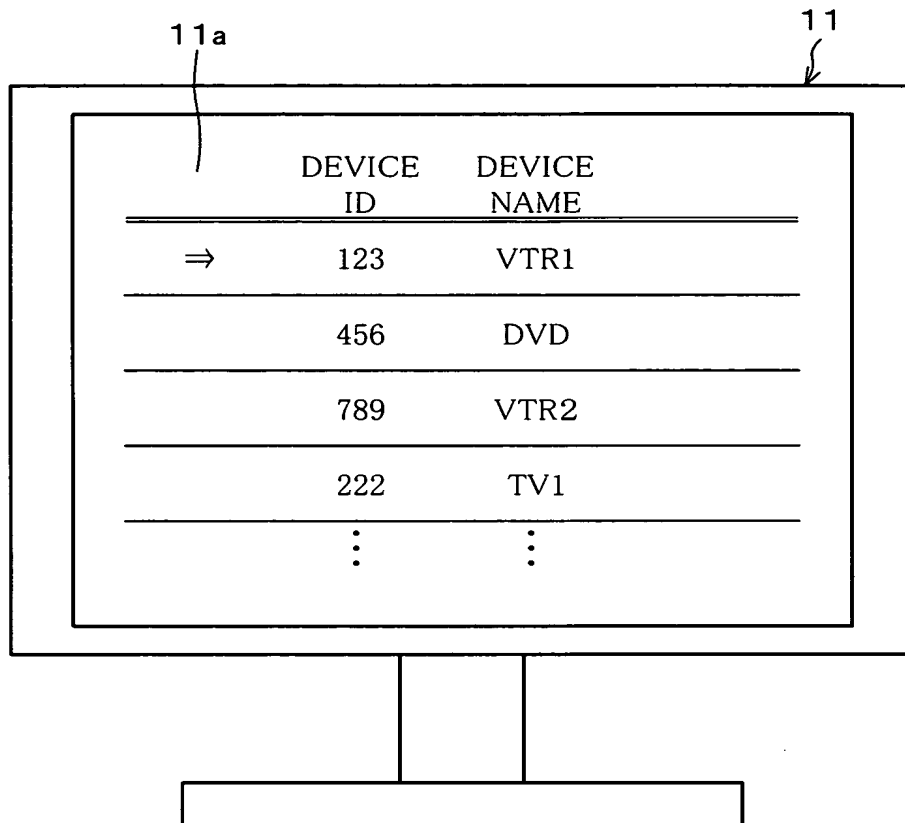


FIG. 21

COMMAND	TARGET DEVICE ID	CONTROLLER ID
REPRODUCTION	123	444

FIG. 22

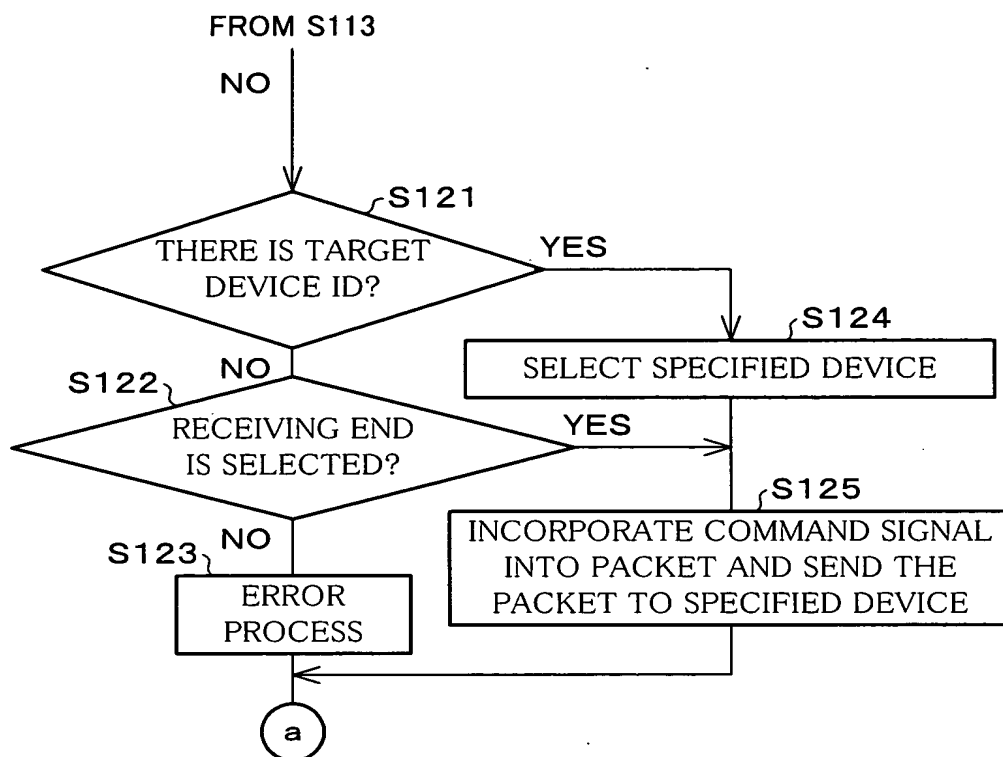


FIG. 23

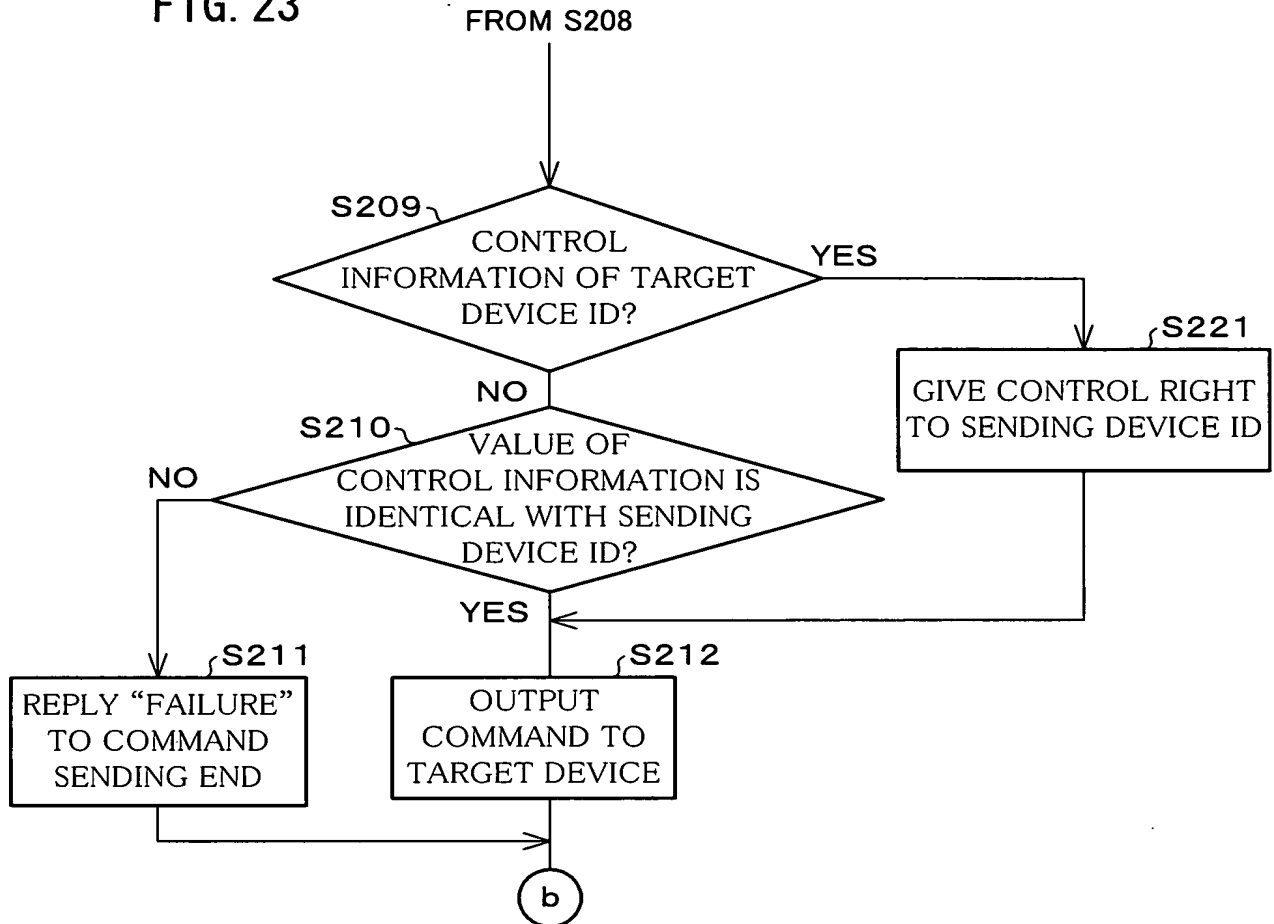


FIG. 24

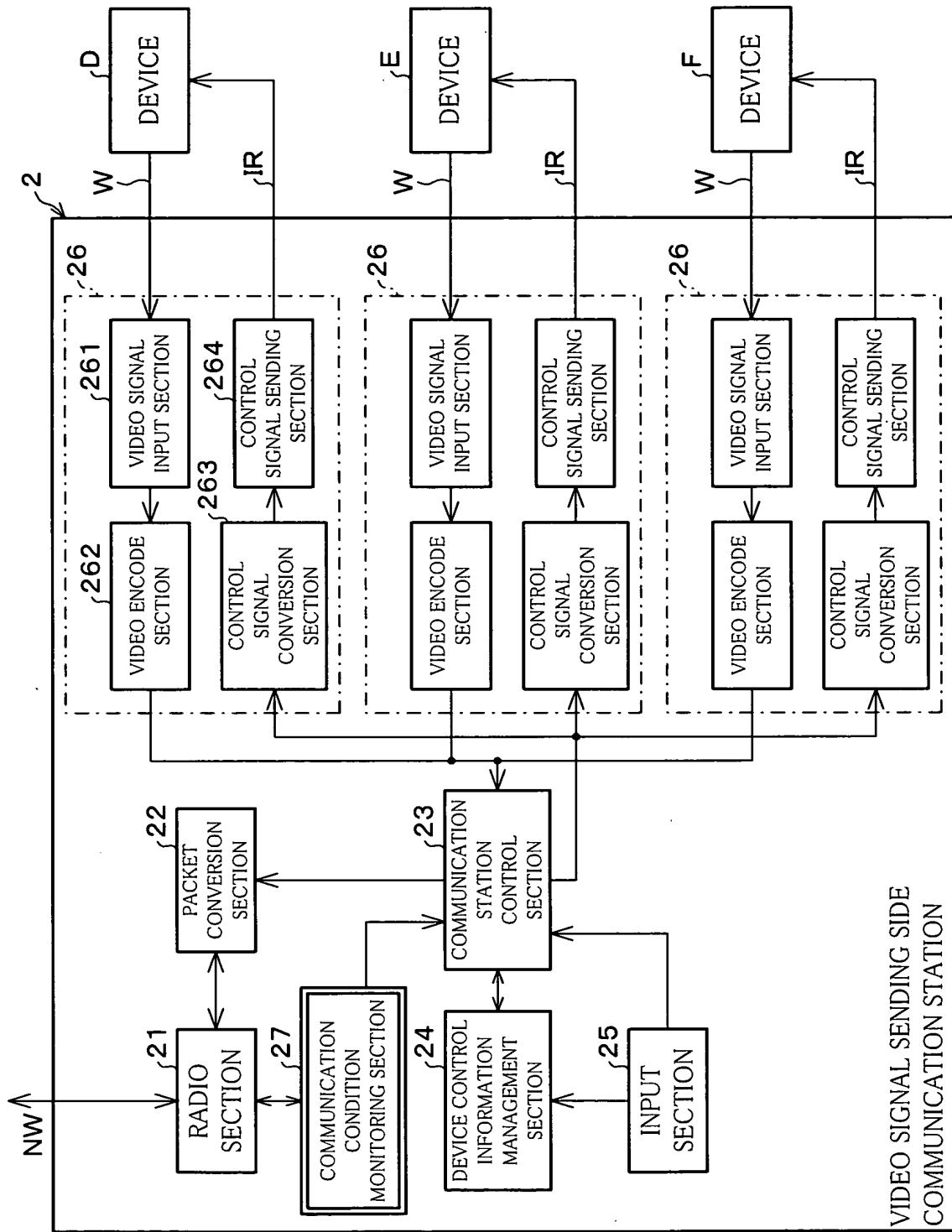
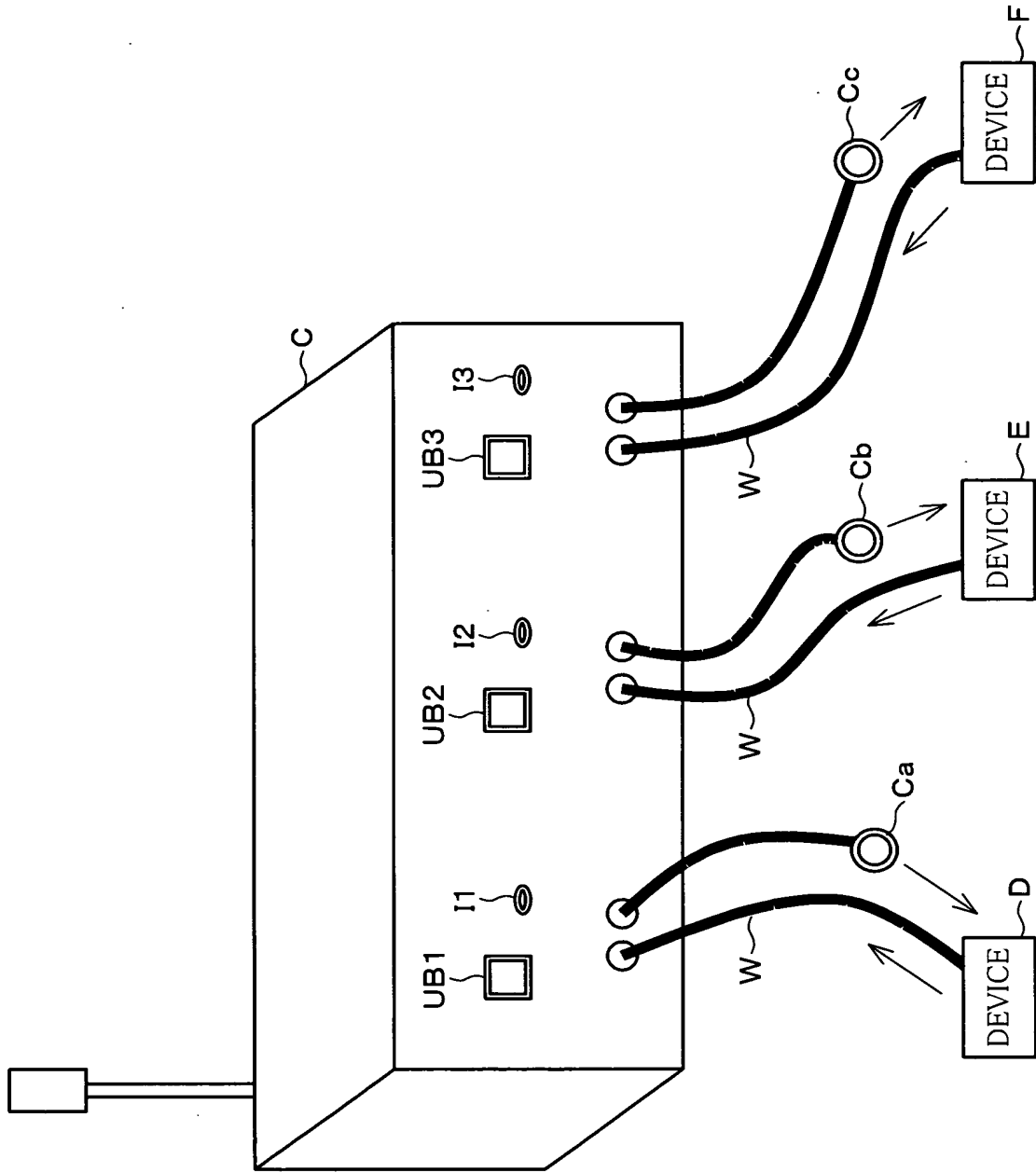


FIG. 25

DEVICE ID	DEVICE NAME	CONTROL INFORMATION	STREAM RECEIVING END
123	VTR1	444	11111
456	DVD		
789	VTR2	555	22222
⋮	⋮	⋮	⋮



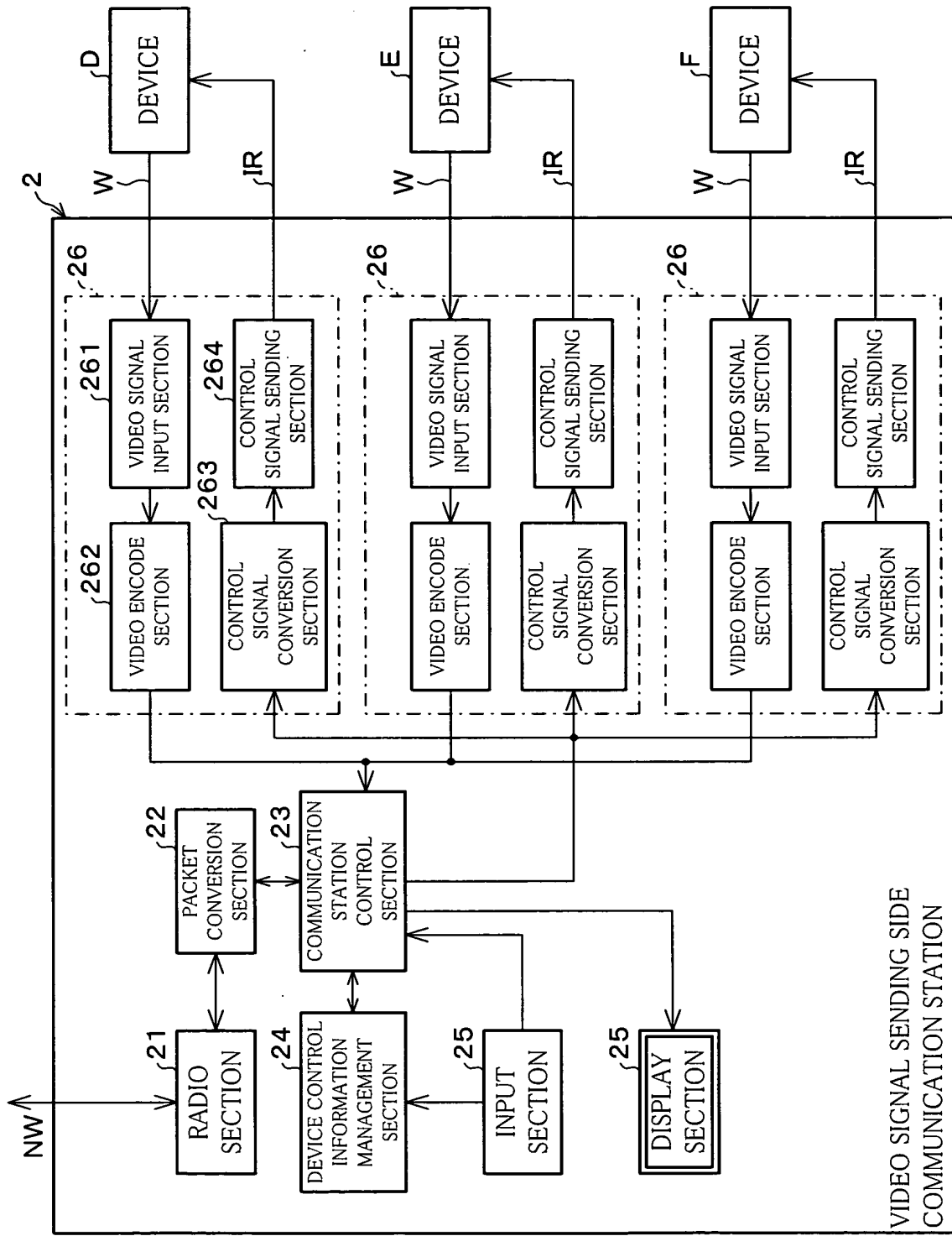
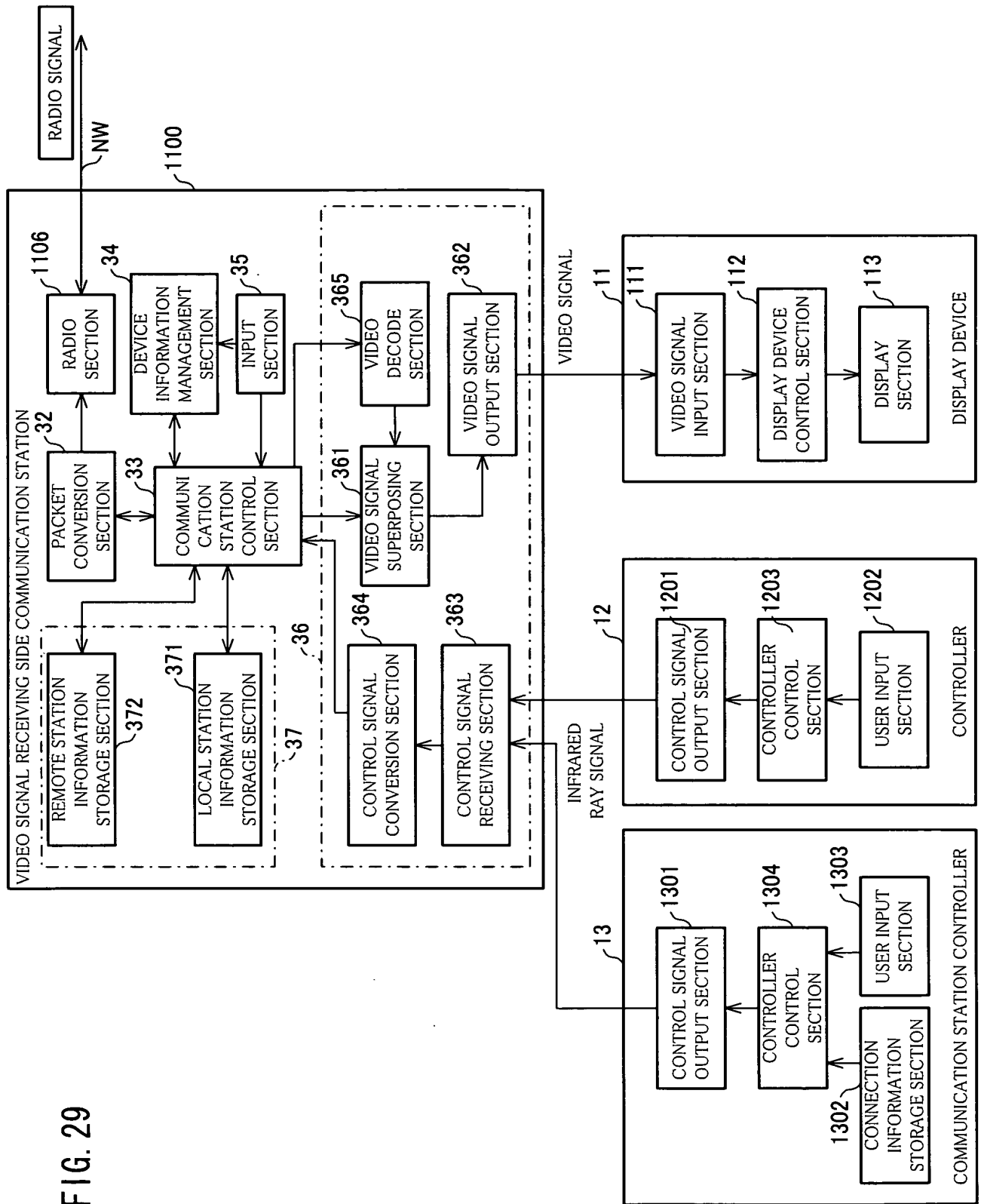
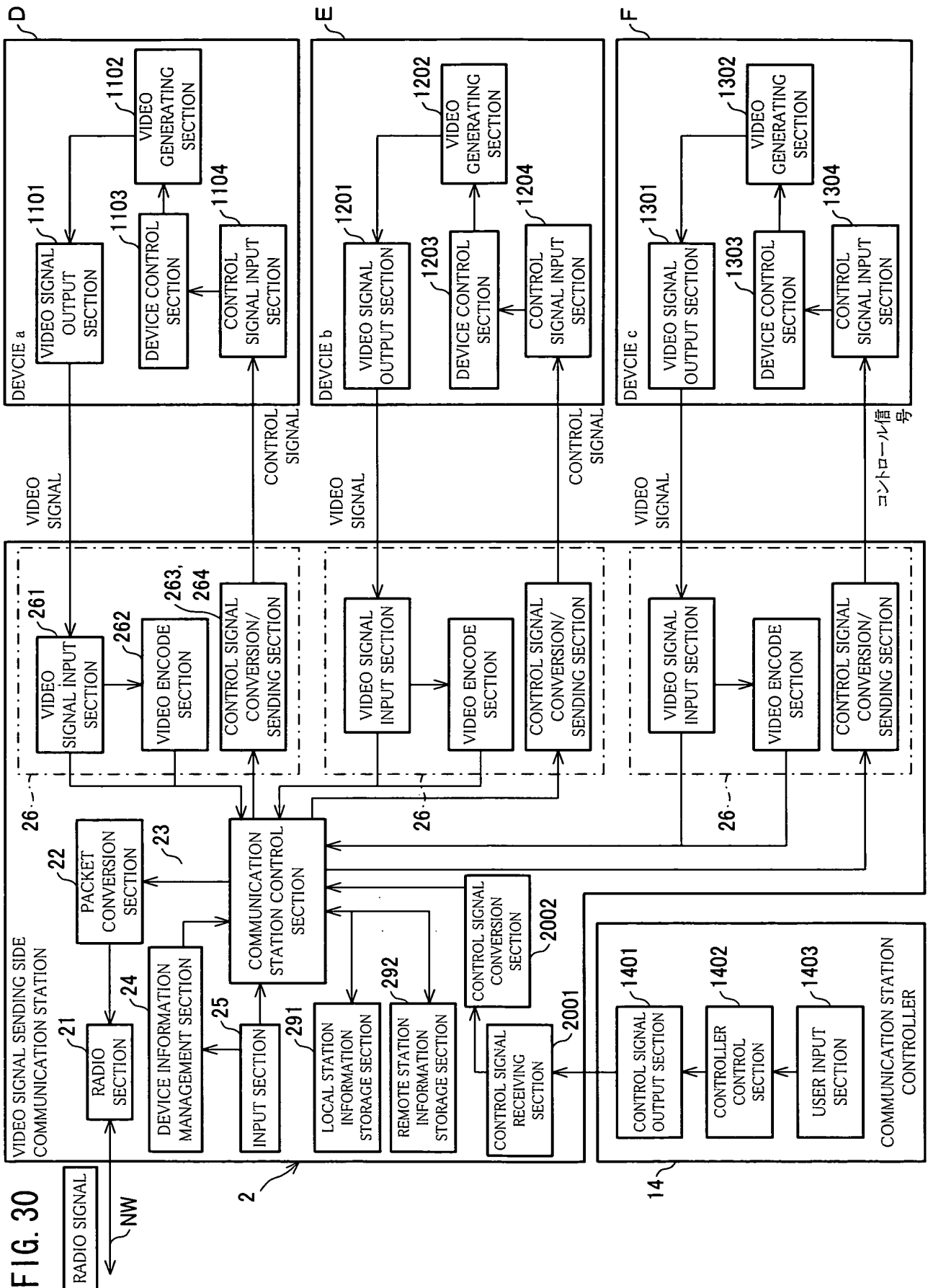


FIG. 27

FIG. 28

DEVICE ID	DEVICE NAME	CONTROL INFORMATION
123	VTR1	***
456	DVD	
789	VTR2	555
⋮	⋮	⋮





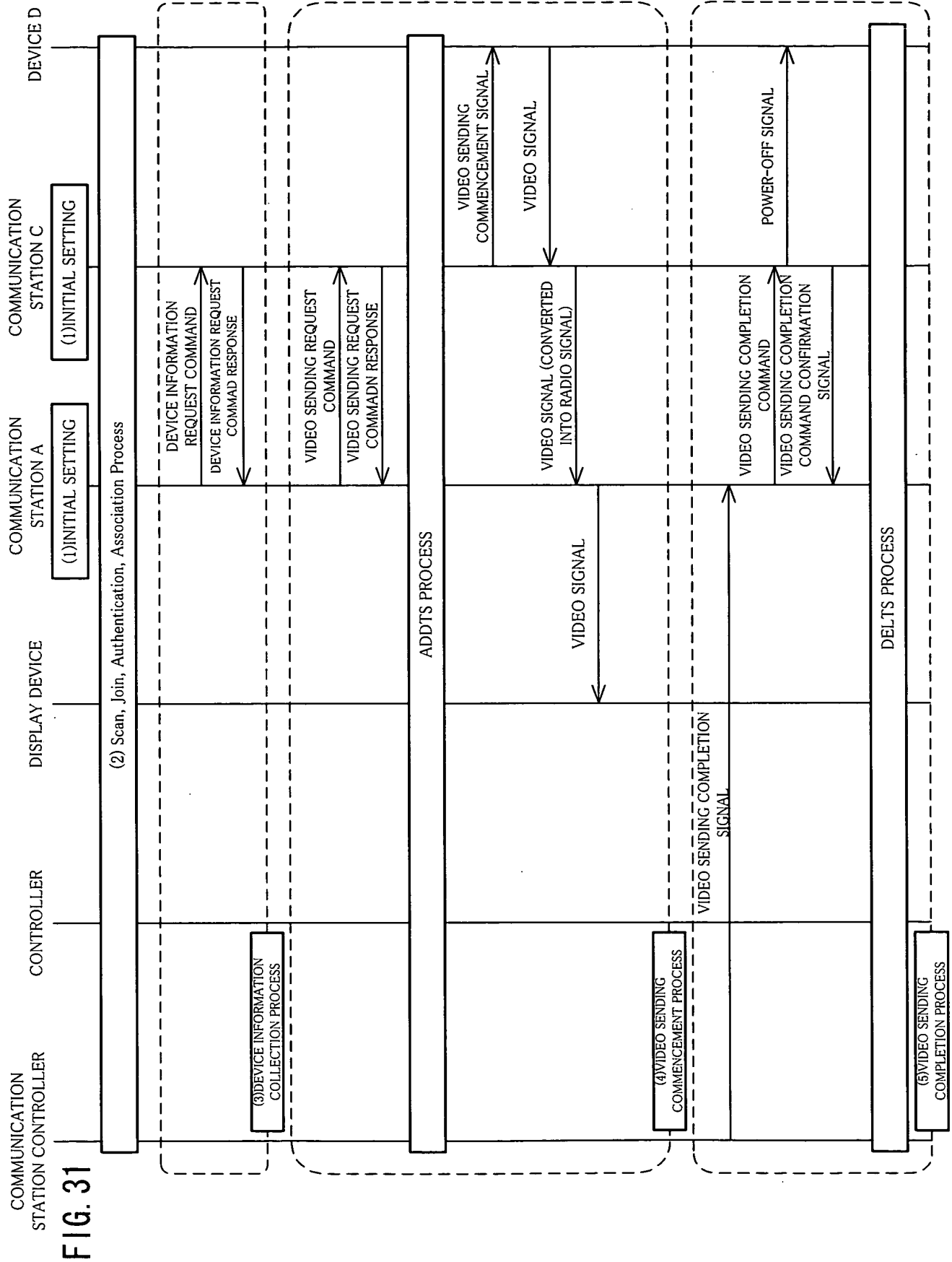


FIG. 32

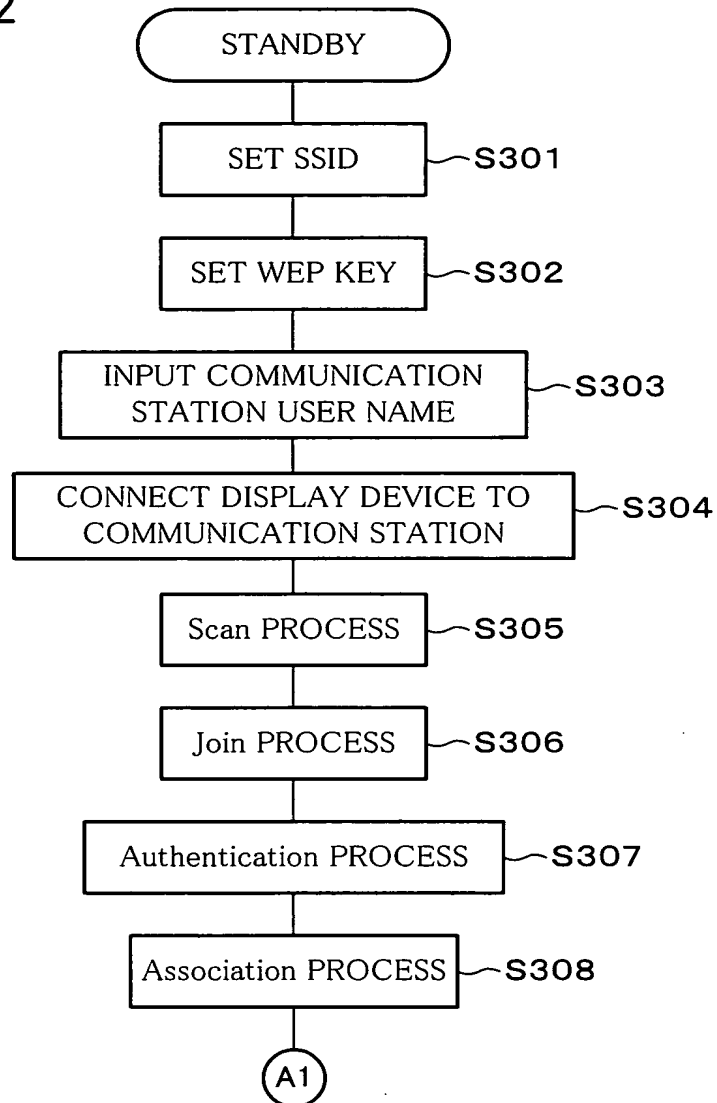


FIG. 33

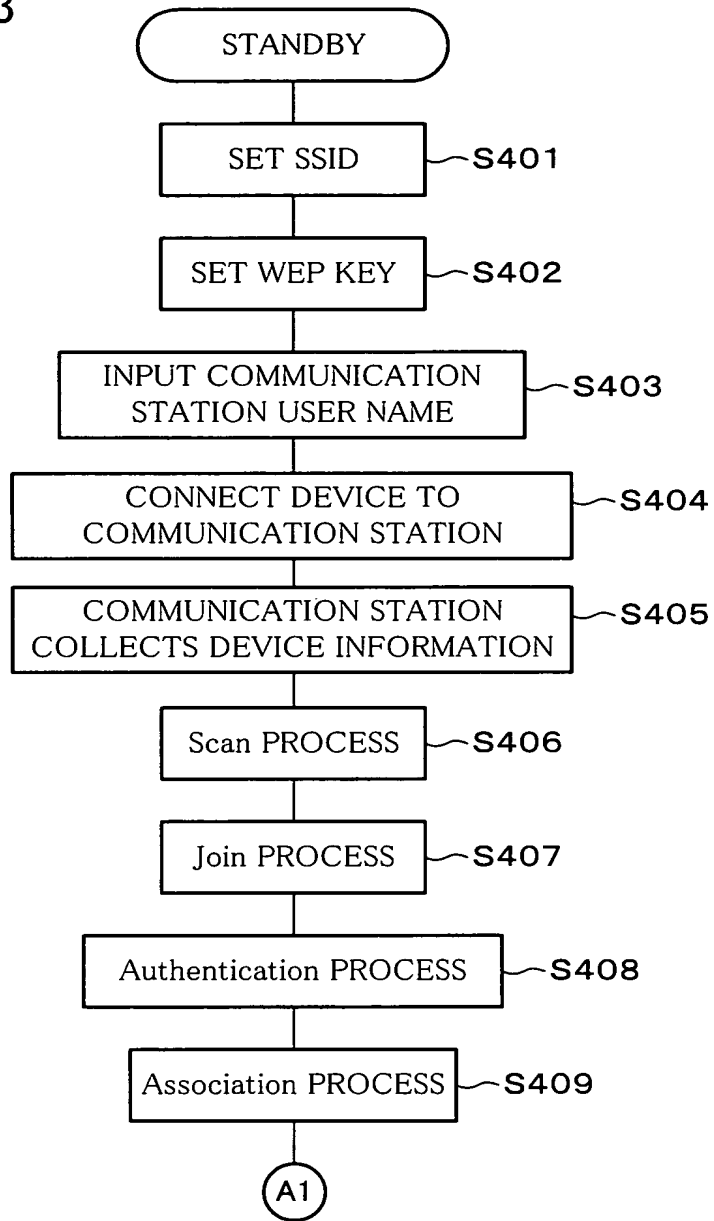


FIG. 34

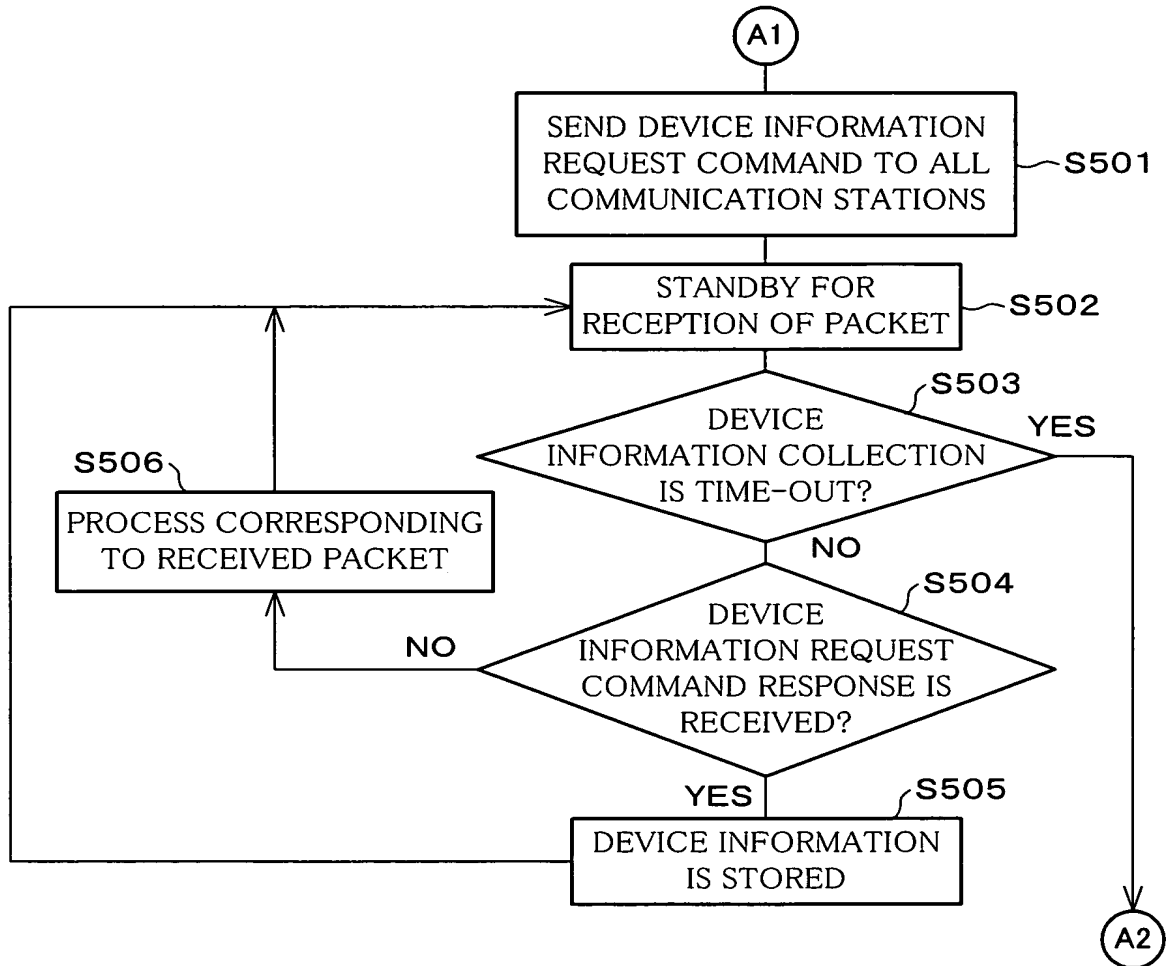
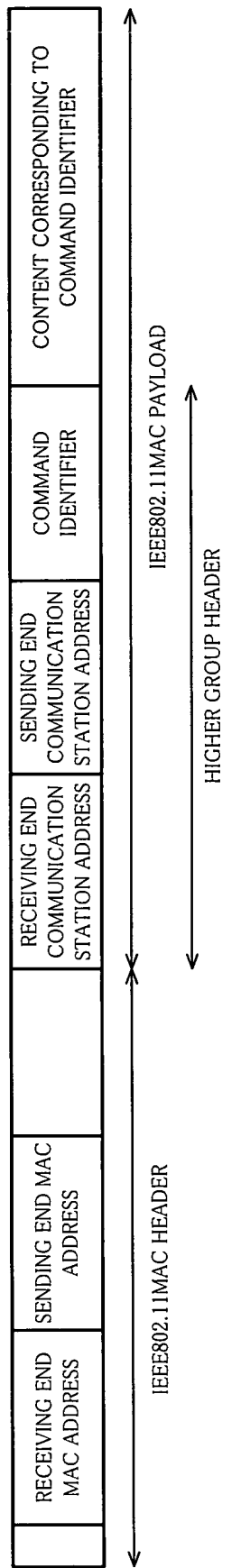


FIG. 35



10/512057

FIG. 36

```
graph TD
    A2((A2)) --> S601{S601  
VIDEO HAS BEEN  
RECEIVED WITHIN A CERTAIN  
PERIOD?}
    S601 -- YES --> S602[S602  
SELECT LAST DEVICE, HAVING RECEIVED VIDEO,  
AS DEVICIE REQUESTED TO SEND VIDEO]
    S601 -- NO --> S603[S603  
SELECT DEVICE, REQUESTED TO SEND VIDEO, FROM  
COMMUNICATION STATIONS PERFORMING NO VIDEO  
SENDING REQUEST]
    S602 --> S604[S604  
SEND VIDEO SENDING REQUEST COMMAND TO COMMUNICATION STATION REQUESTED TO SEND VIDEO]
    S603 --> S604
    S604 --> S605[S605  
STANDBY FOR RECEPTION  
OF PACKET]
    S605 --> S606{S606  
VIDEO SENDING  
REQUEST COMMAND RESPONSE  
IS TIME-OUT?}
    S606 -- YES --> S607[S607  
IT IS NOTIFIED TO USER  
THAT THERE IS NO  
RESPONSE]
    S606 -- NO --> S608{S608  
SENDING REQUEST COMMAND RESPONSE IS  
RECEIVED?}
    S608 -- YES --> S610[S610  
INDICATE MESSAGE CORRESPONDING TO  
RESPONSE STATUS TO USER]
    S608 -- NO --> S611{S611  
RESPONSE STATUS  
OF VIDEO SENDING REQUEST COMMAND  
RESPONSE INDICATES THAT SENDING IS  
NOT ALLOWED?}
    S611 -- YES --> S612[S612  
STANDBY FOR RECEPTION OF PACKET]
    S611 -- NO --> S613{S613  
VIDEO SIGNAL  
RECEPTION IS TIME-OUT?}
    S612 --> S609[S609  
PROCESS CORRESPONDING  
TO RECEIVED PACKET]
    S609 --> S605
    S613 -- YES --> S614{S614  
PACKET  
INCLUDING VIDEO SIGNAL IS  
RECEIVED?}
    S613 -- NO --> S616[S616  
IT IS NOTIFIED TO USER  
THAT VIDEO SENDING  
IS ALLOWED BUT  
VIDEO IS NOT SENT]
    S614 -- YES --> S615[S615  
VIDEO IS  
DISPLAYED IN  
DISPLAY DEVICE]
    S614 -- NO --> S616
    S615 --> A3((A3))
    S616 --> A3
```


FIG. 37

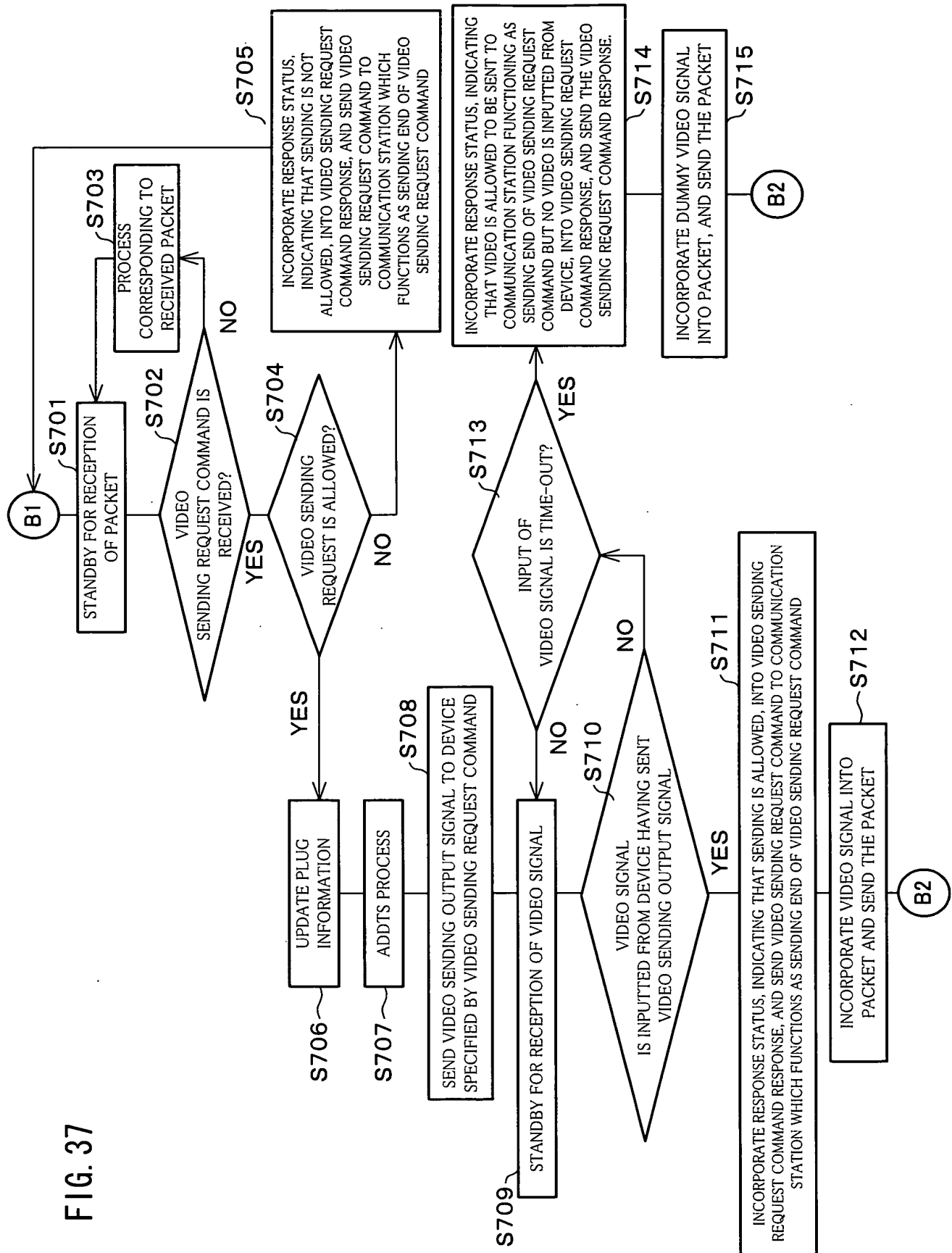


FIG. 38

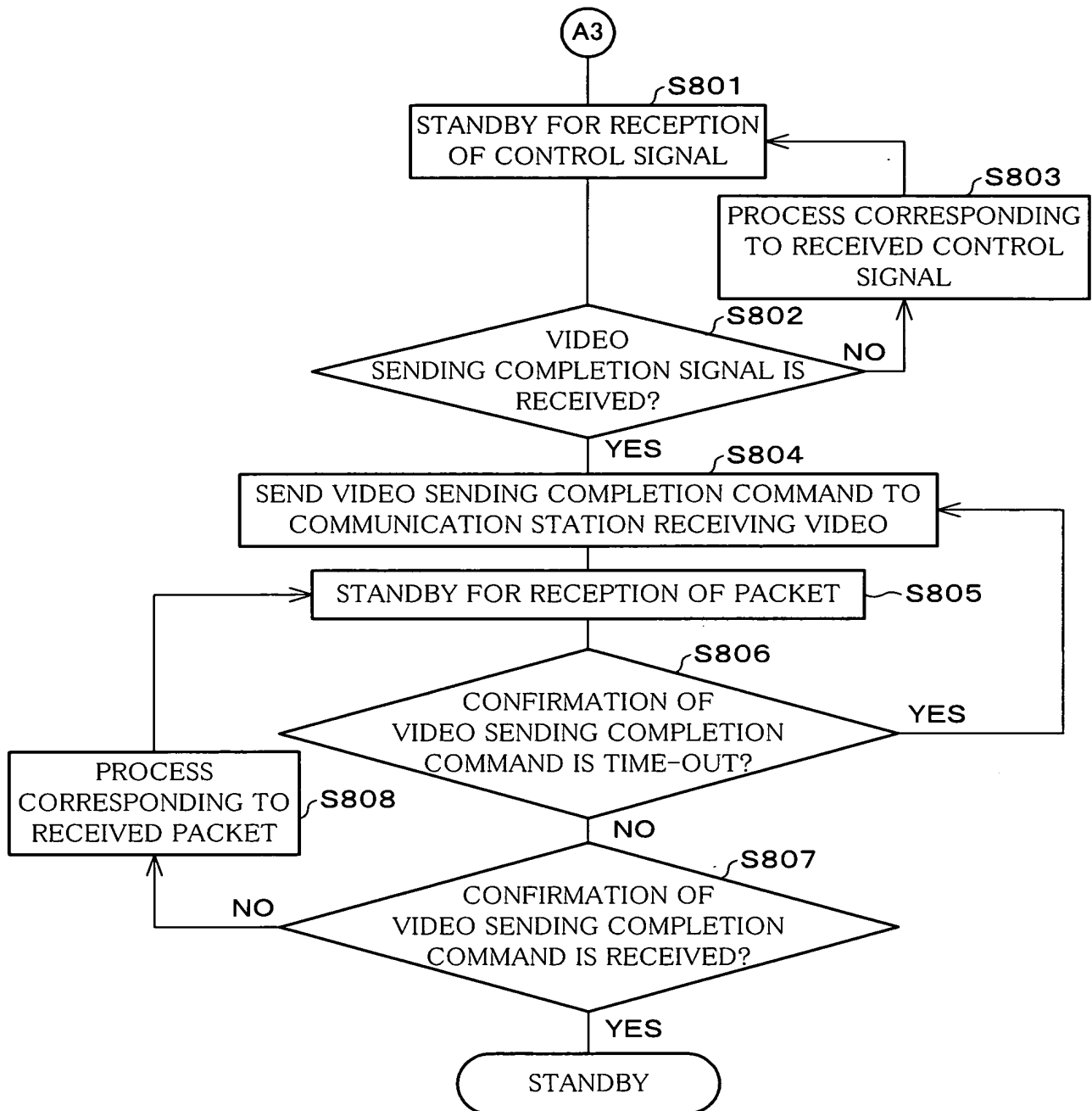
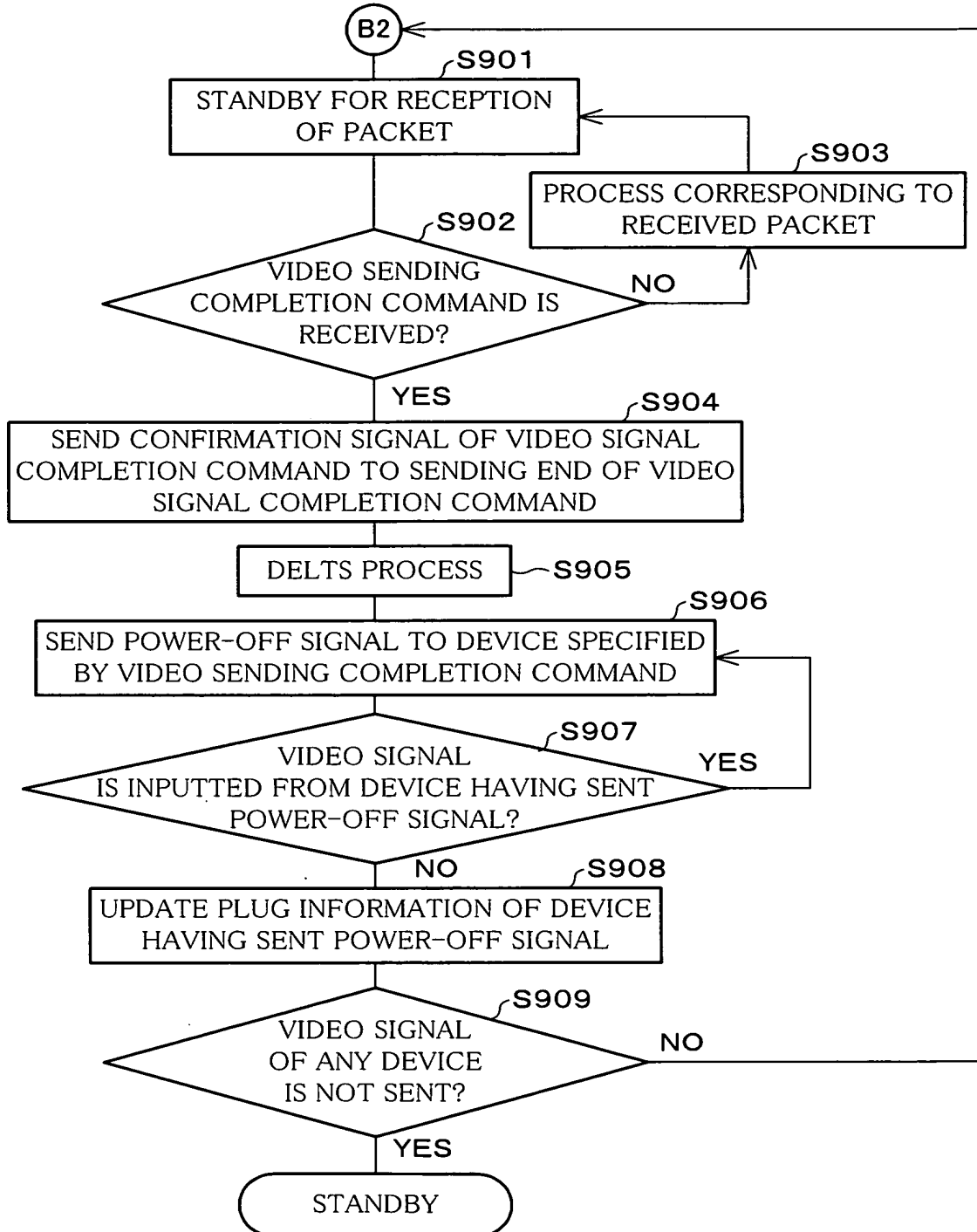


FIG. 39



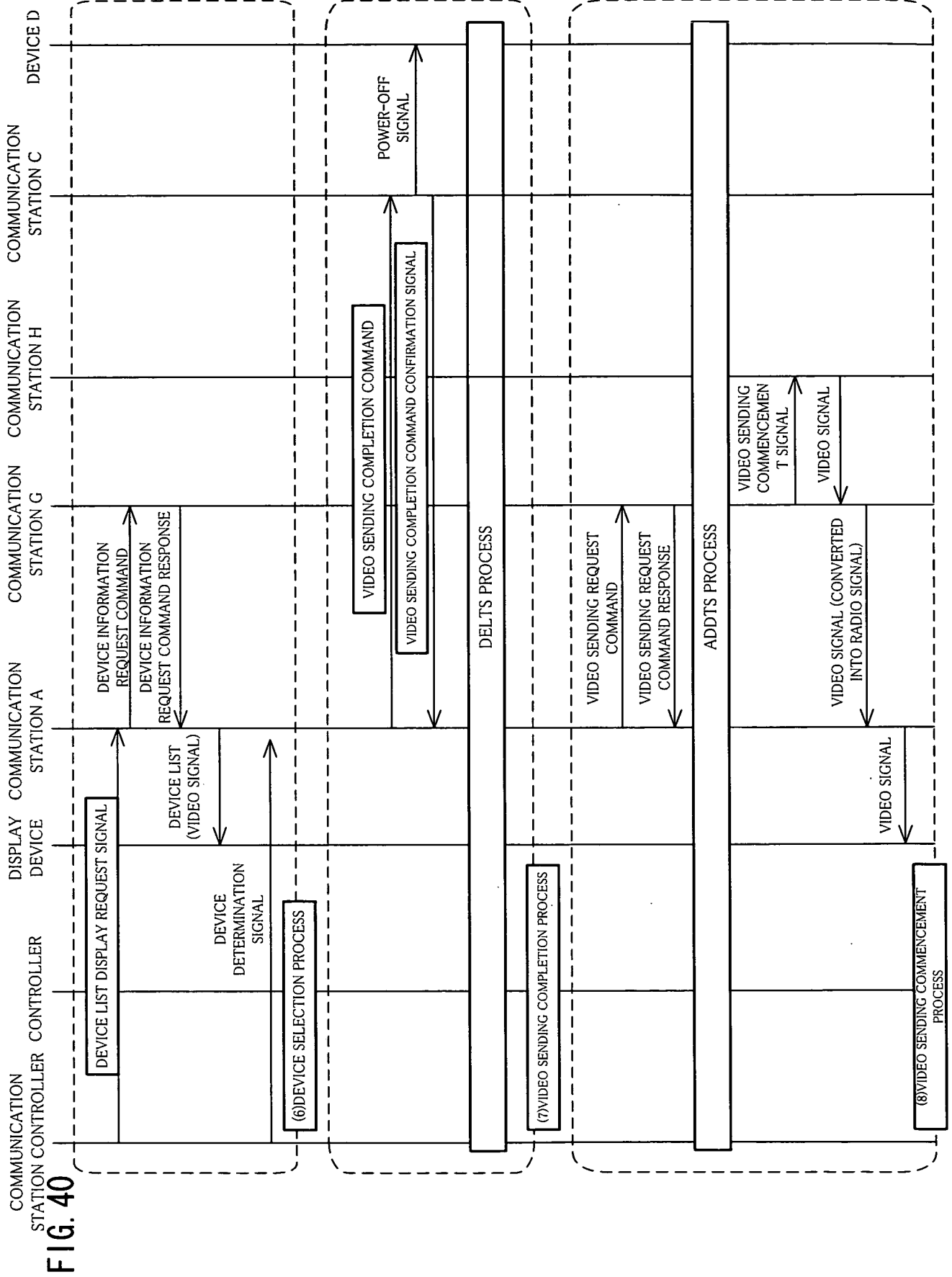


FIG. 41

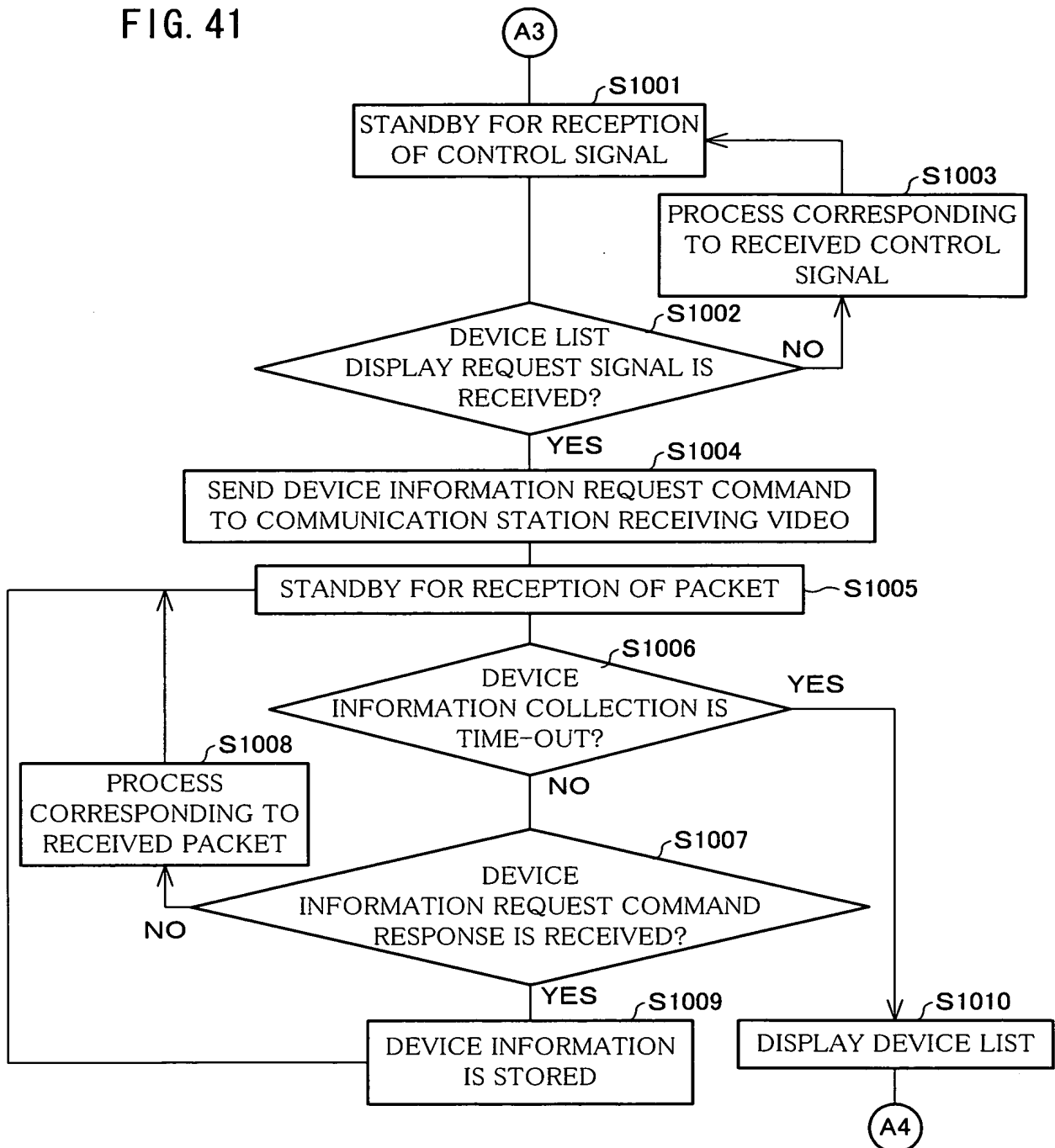


FIG. 42

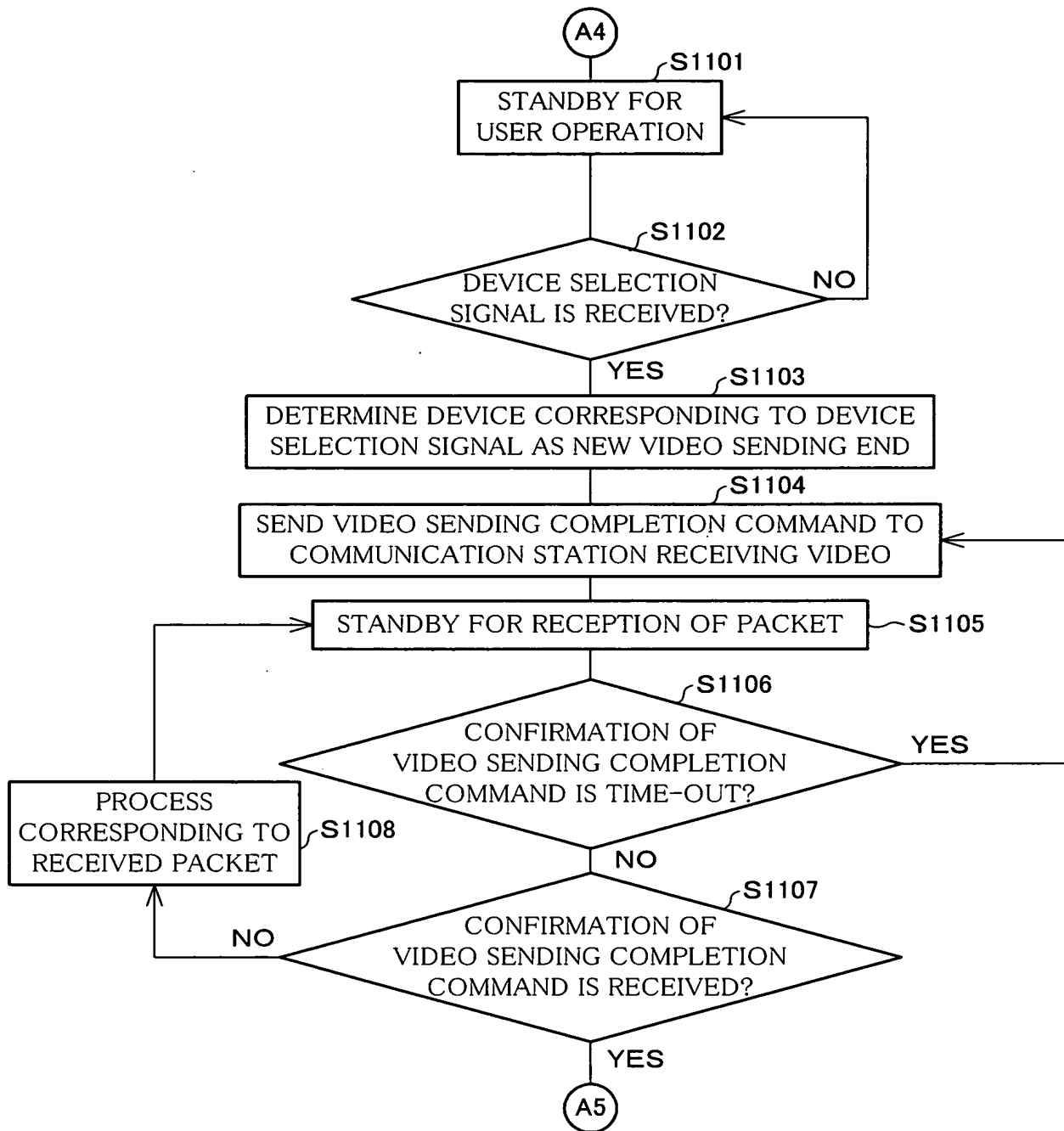


FIG. 43

NUMBER	DEVICE NAME	DEVICE TYPE	COMMUNICATION STATION	CONDITION
1	VTR IN LIVING ROOM	VTR	COMMUNICATION STATION IN LIVING ROOM	UNUSED
2	DVD IN LIVING ROOM	DVD	COMMUNICATION STATION IN LIVING ROOM	IN USE
3	VTR IN CHILD'S ROOM	VTR	COMMUNICATION STATION IN CHILD'S ROOM	UNCLEAR
4	HARD DISC RECORDER IN STUDY ROOM	HARD DISC RECORDER	COMMUNICATION STATION IN STUDY ROOM	UNUSED

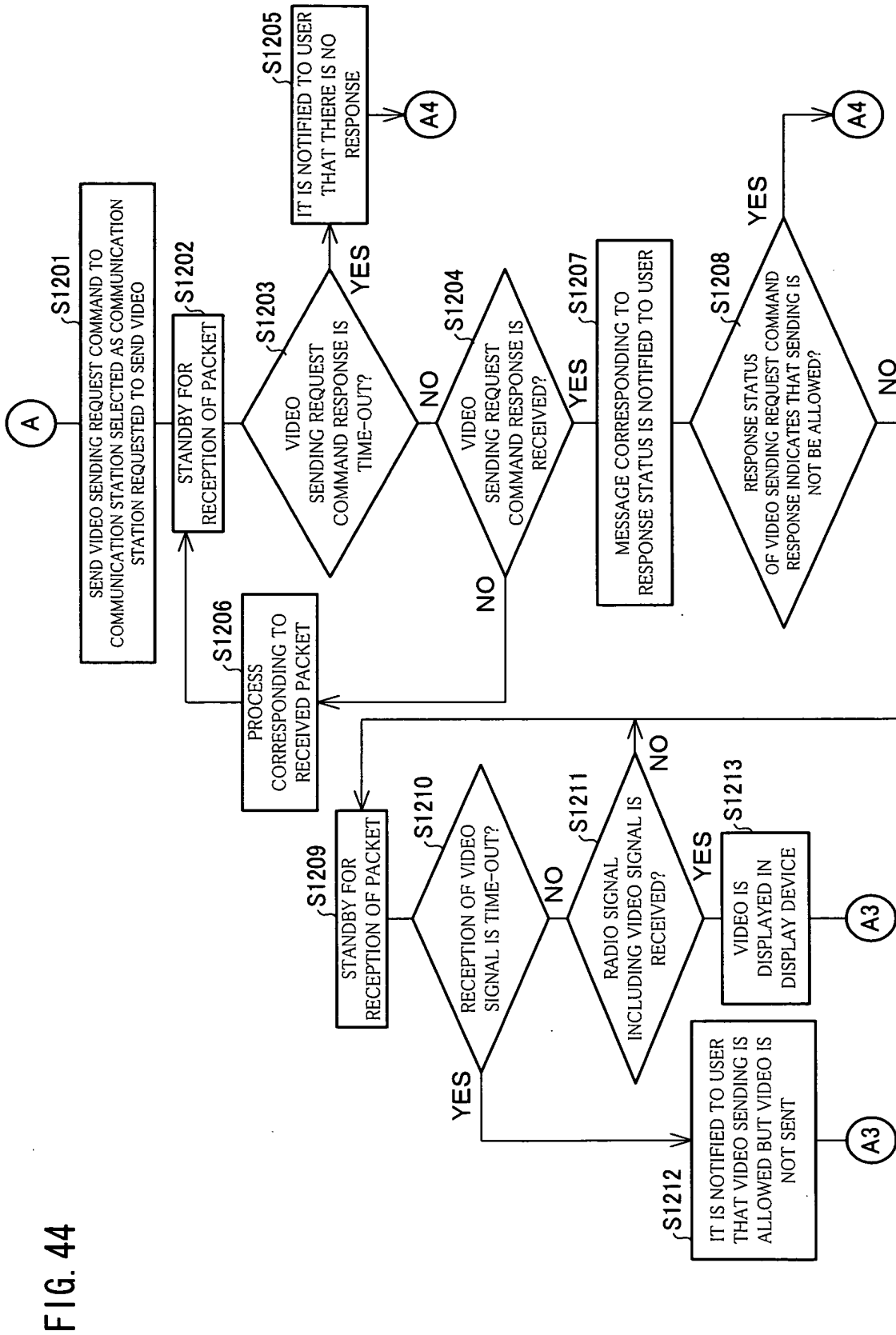


FIG. 45

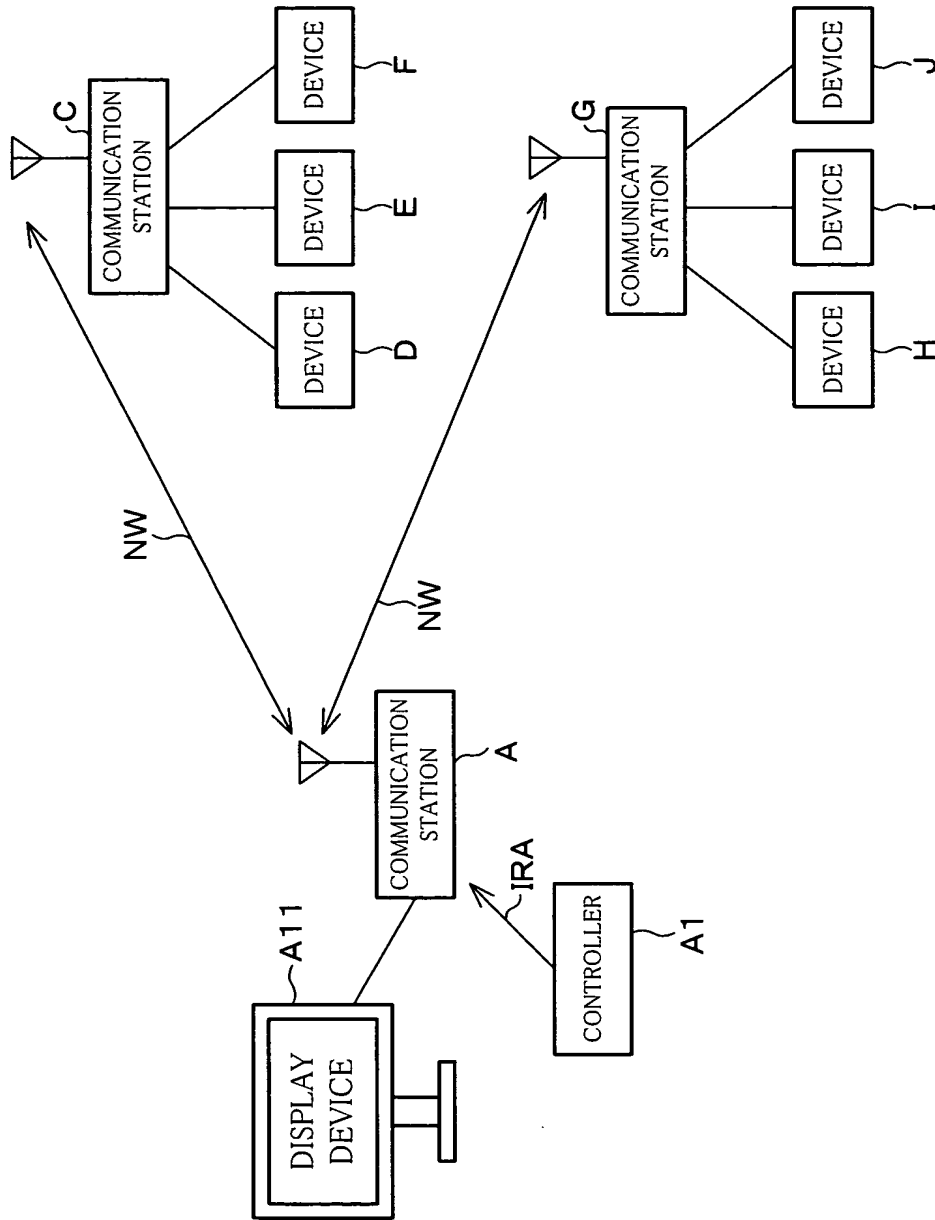


FIG. 46

RECEIVING END ADDRESS	11111	
SENDING END ADDRESS	33333	
INFORMATION SECTION	COMMAND CONTENT	CONNECTION ESTABLISHMENT REQUEST
	SENDING END COMMUNICATION STATION ADDRESS	33333
	SENDING END DEVICE ID	123
	RECEIVING END COMMUNICATION STATION ADDRESS	11111
	RECEIVING END DEVICE ID	1111
	CONTROLLER ID	444

FIG. 47

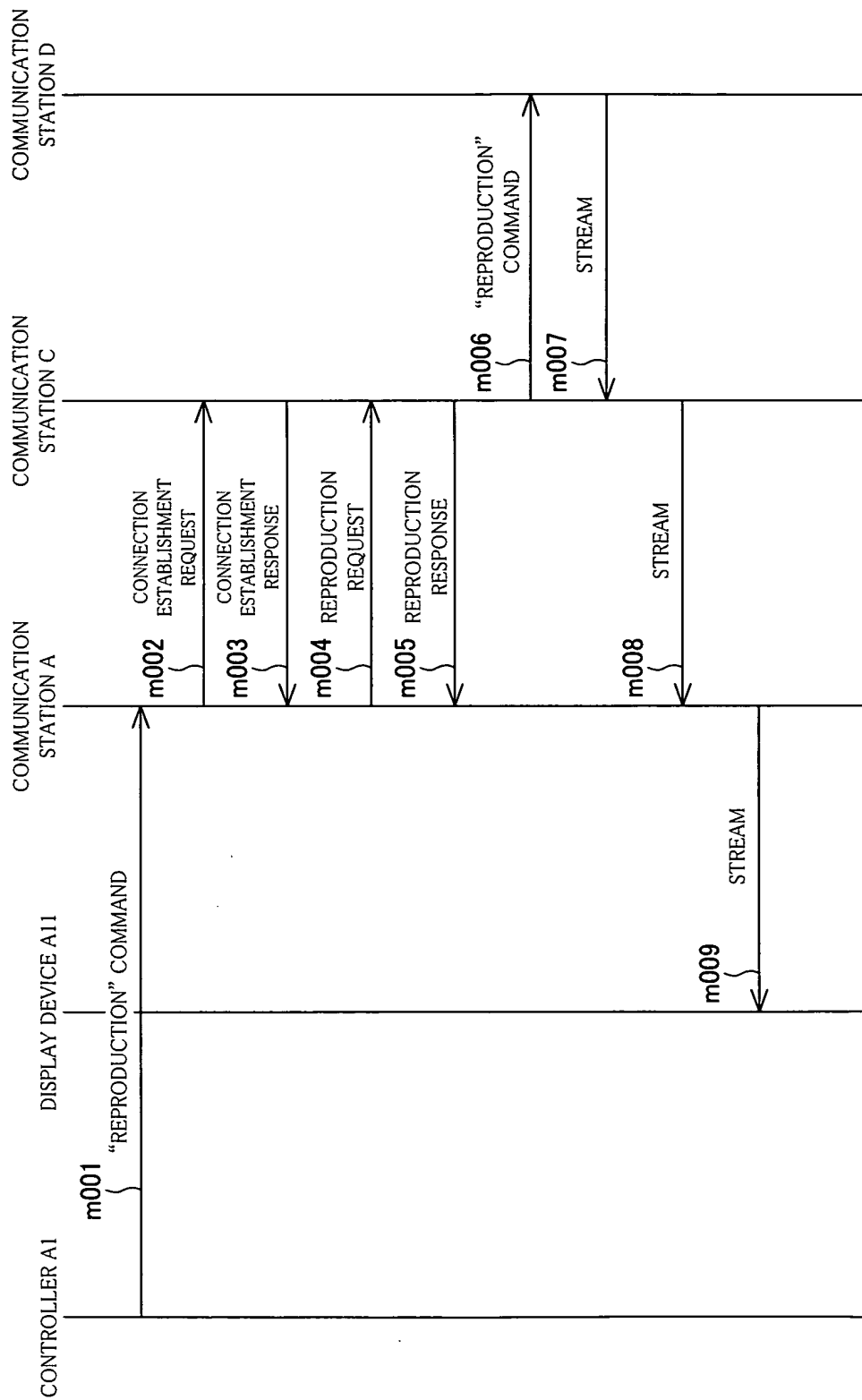
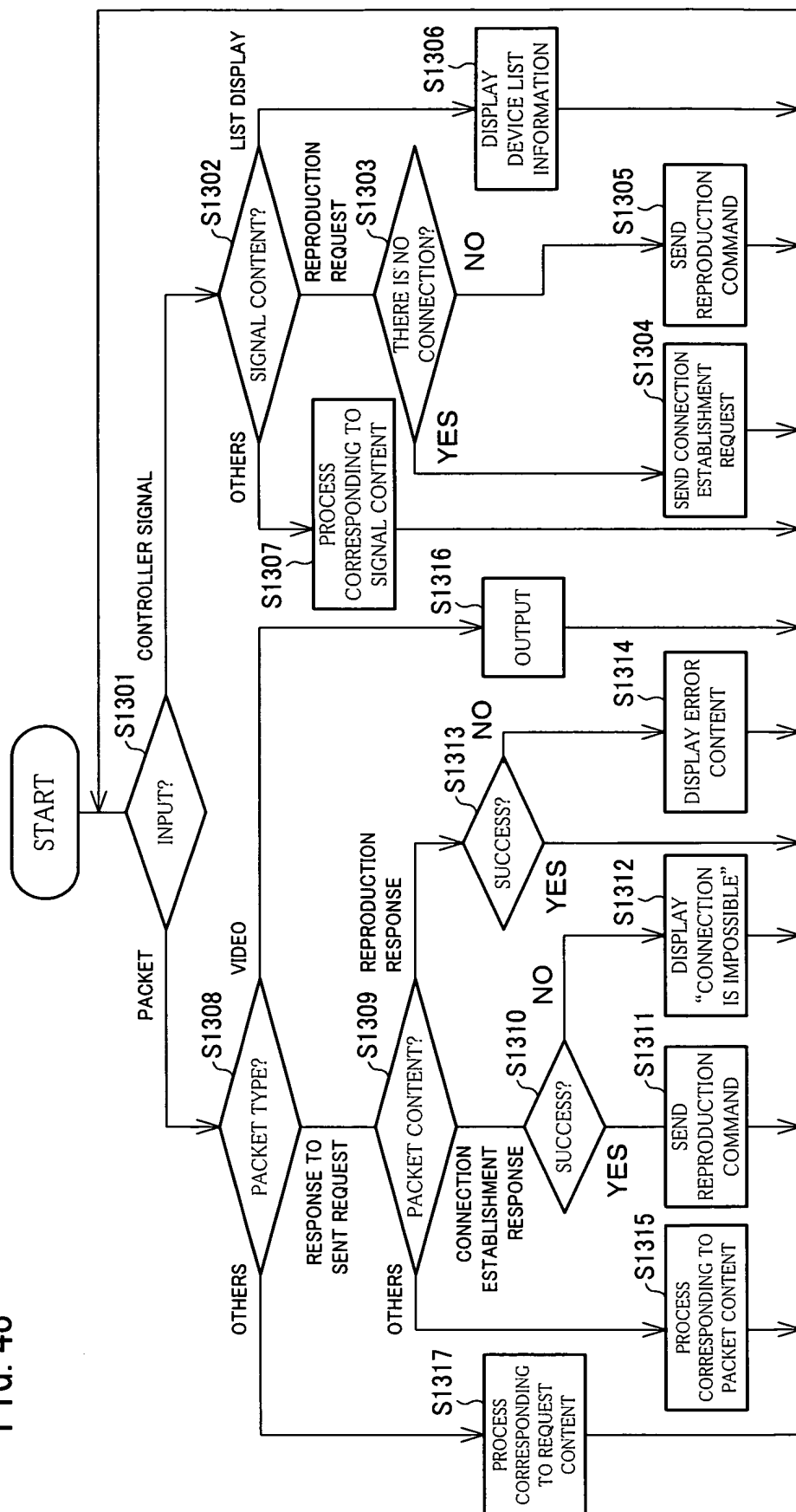


FIG. 48



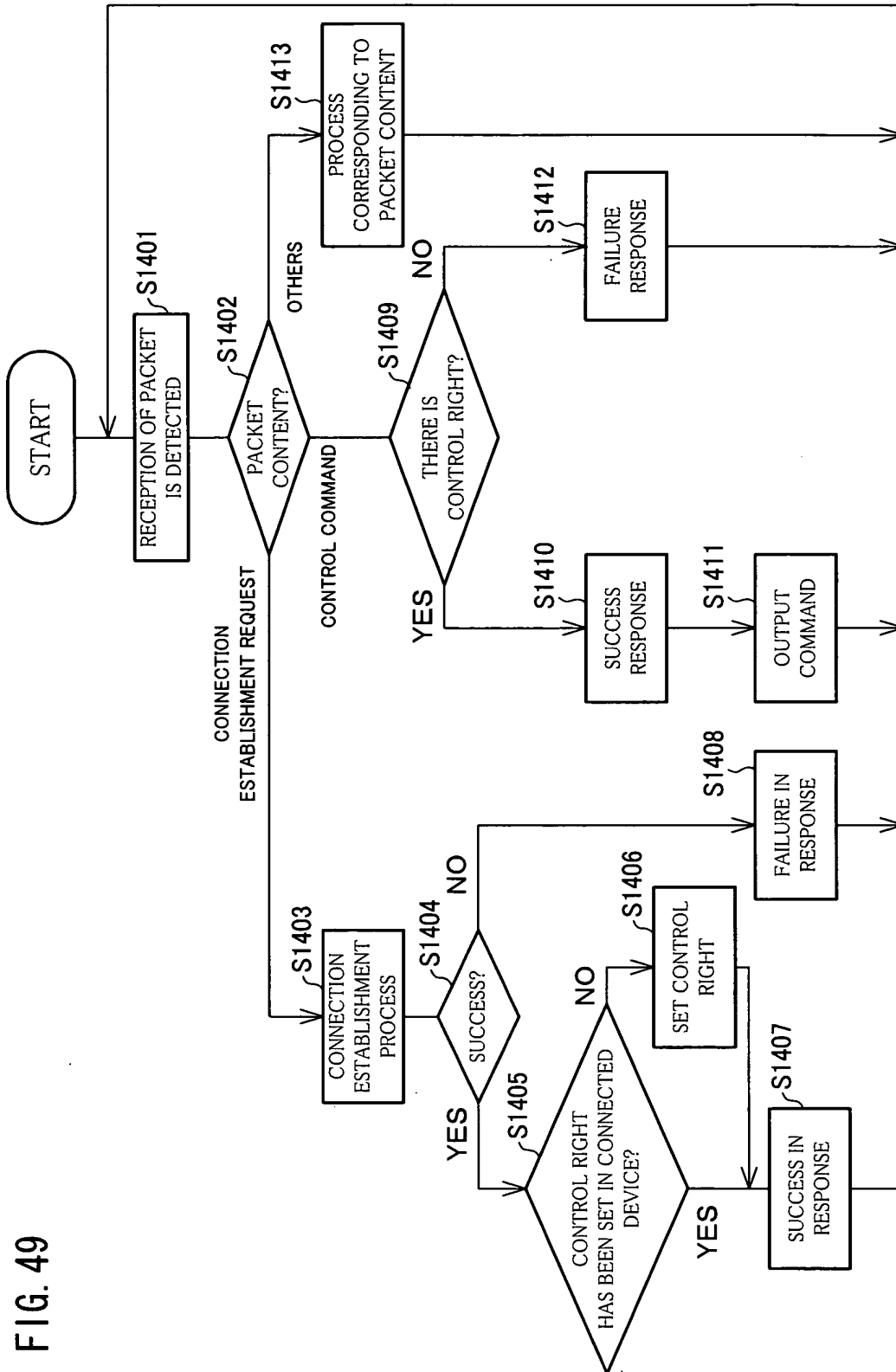
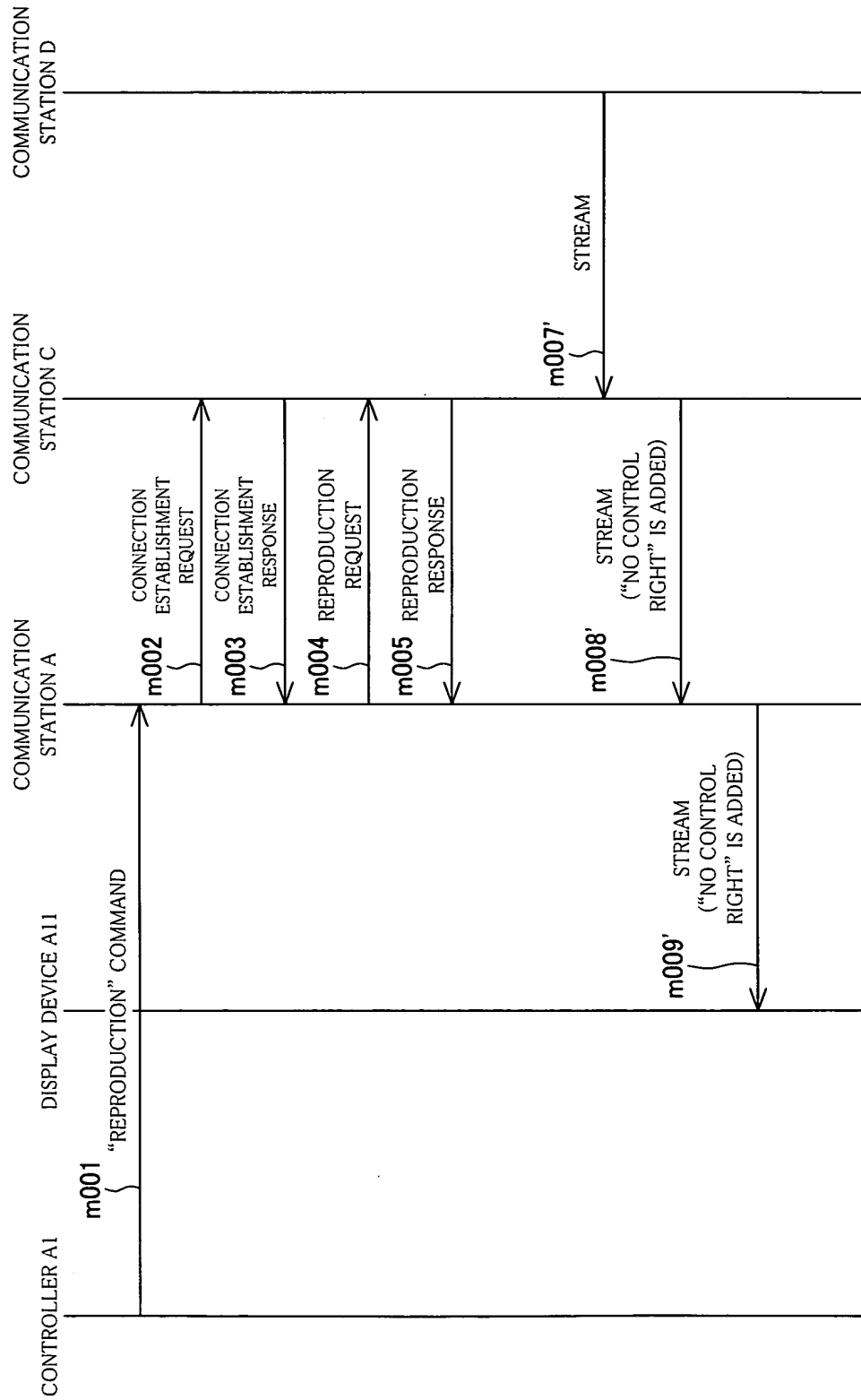


FIG. 50



47/47

FIG. 51

